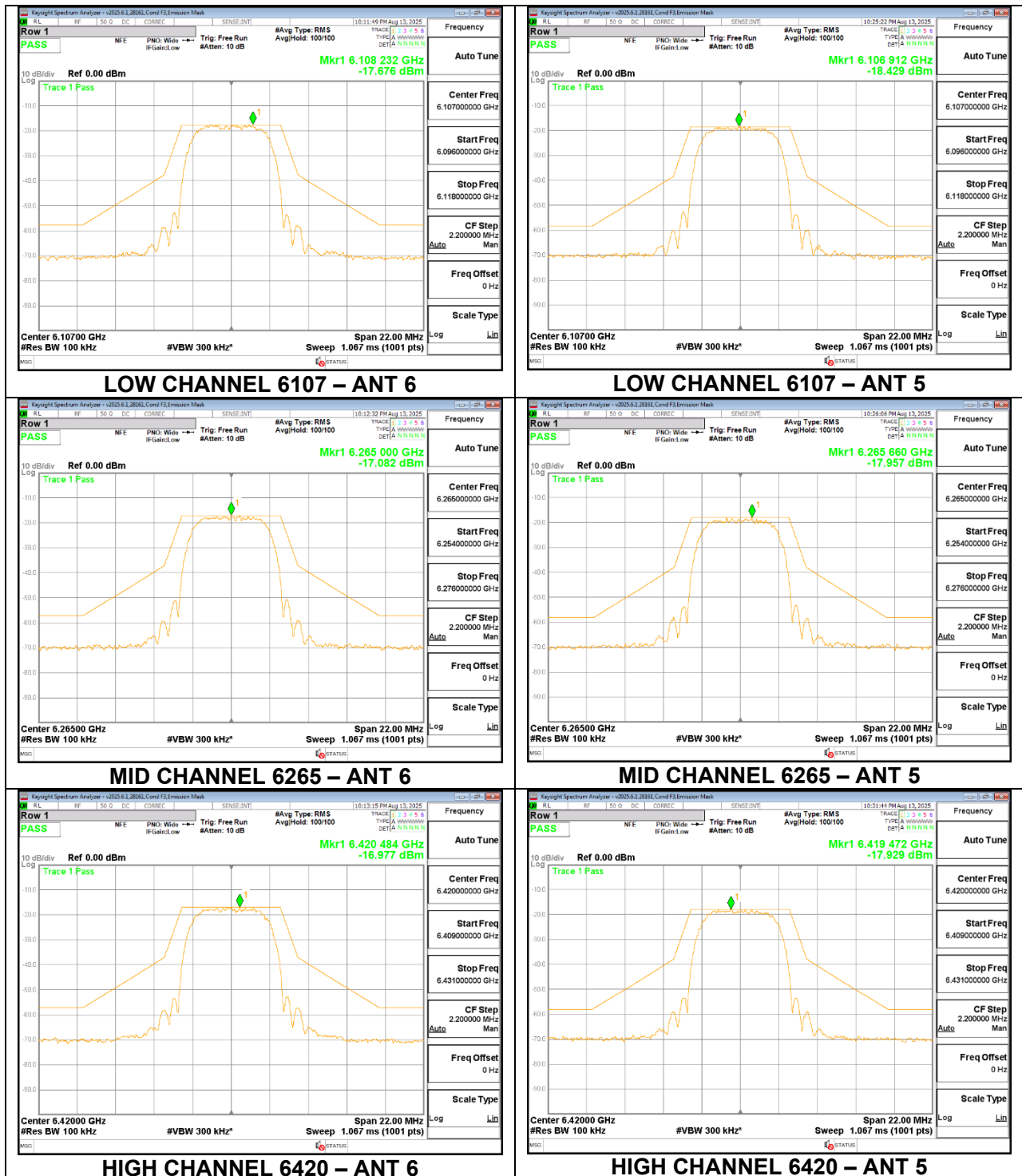
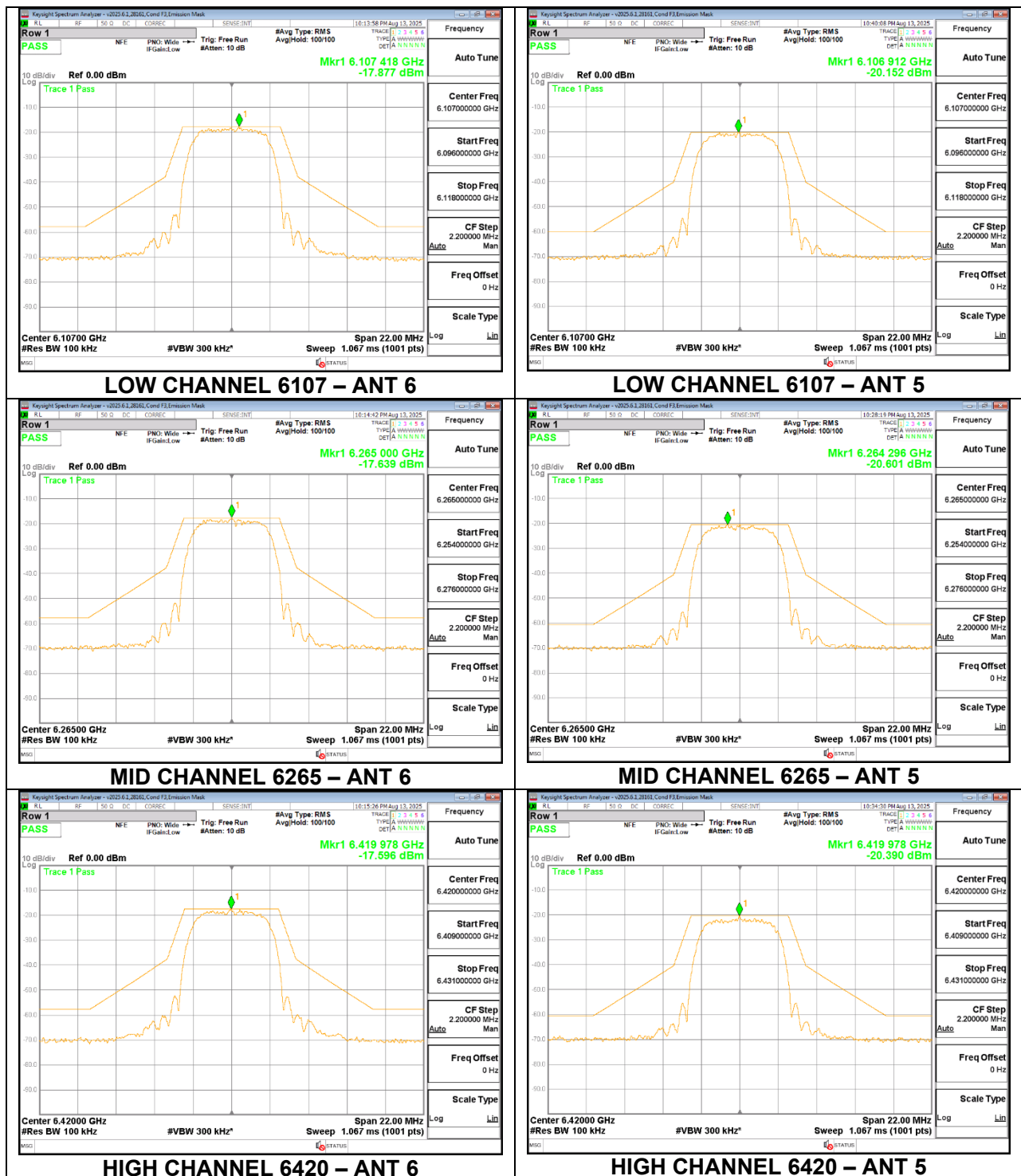


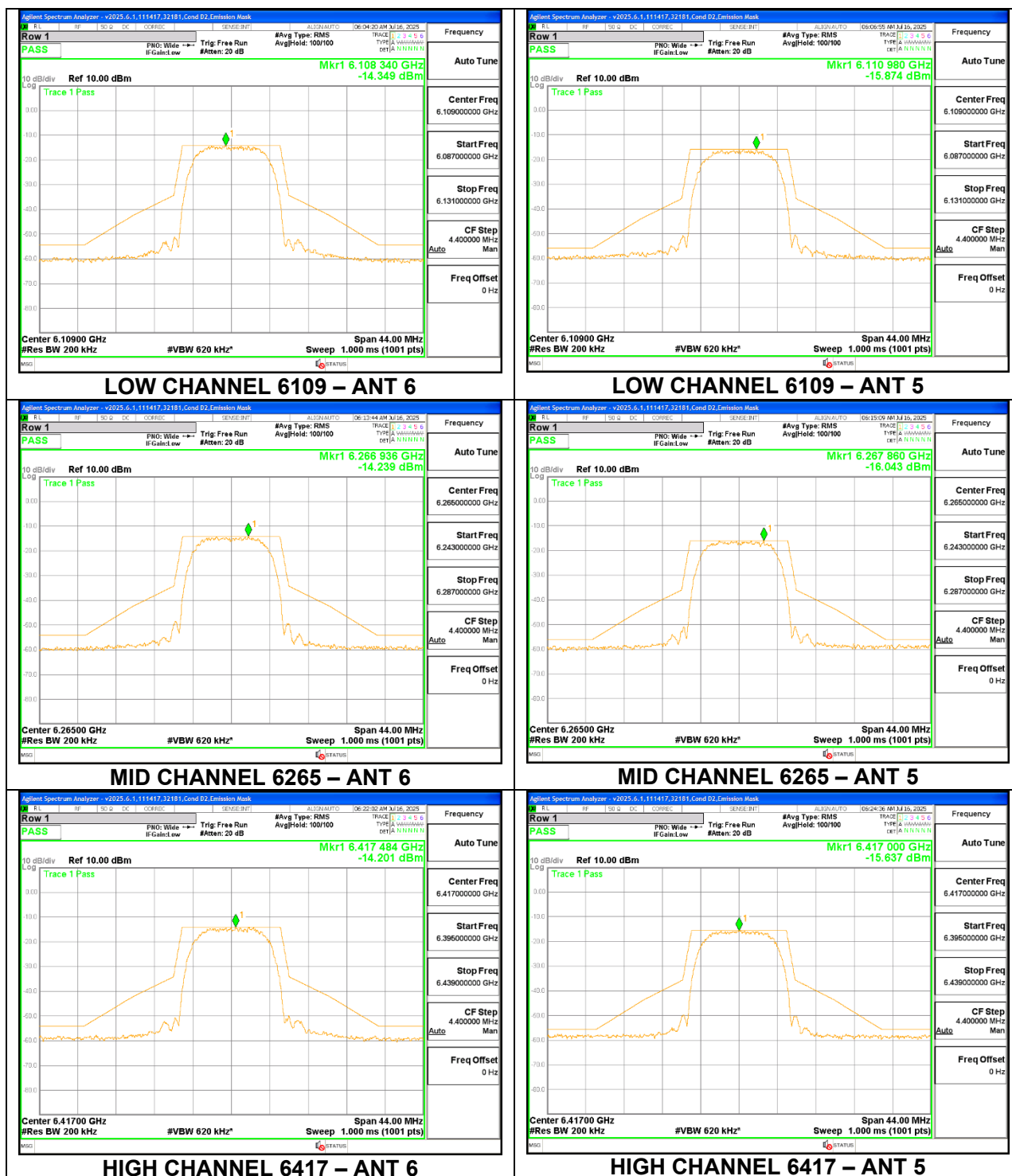
XHDRPM8



HDRPM12

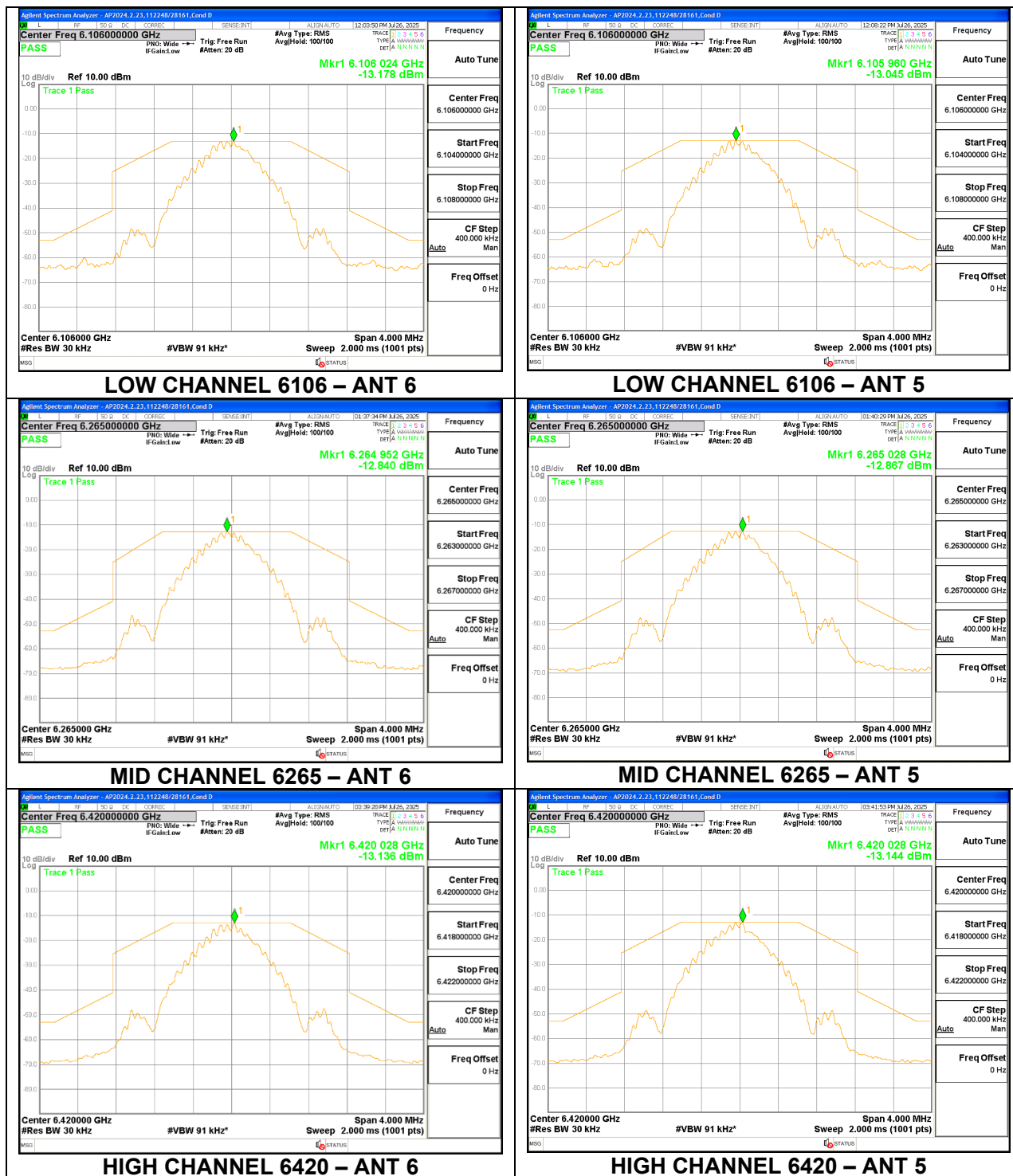


HDRPL8

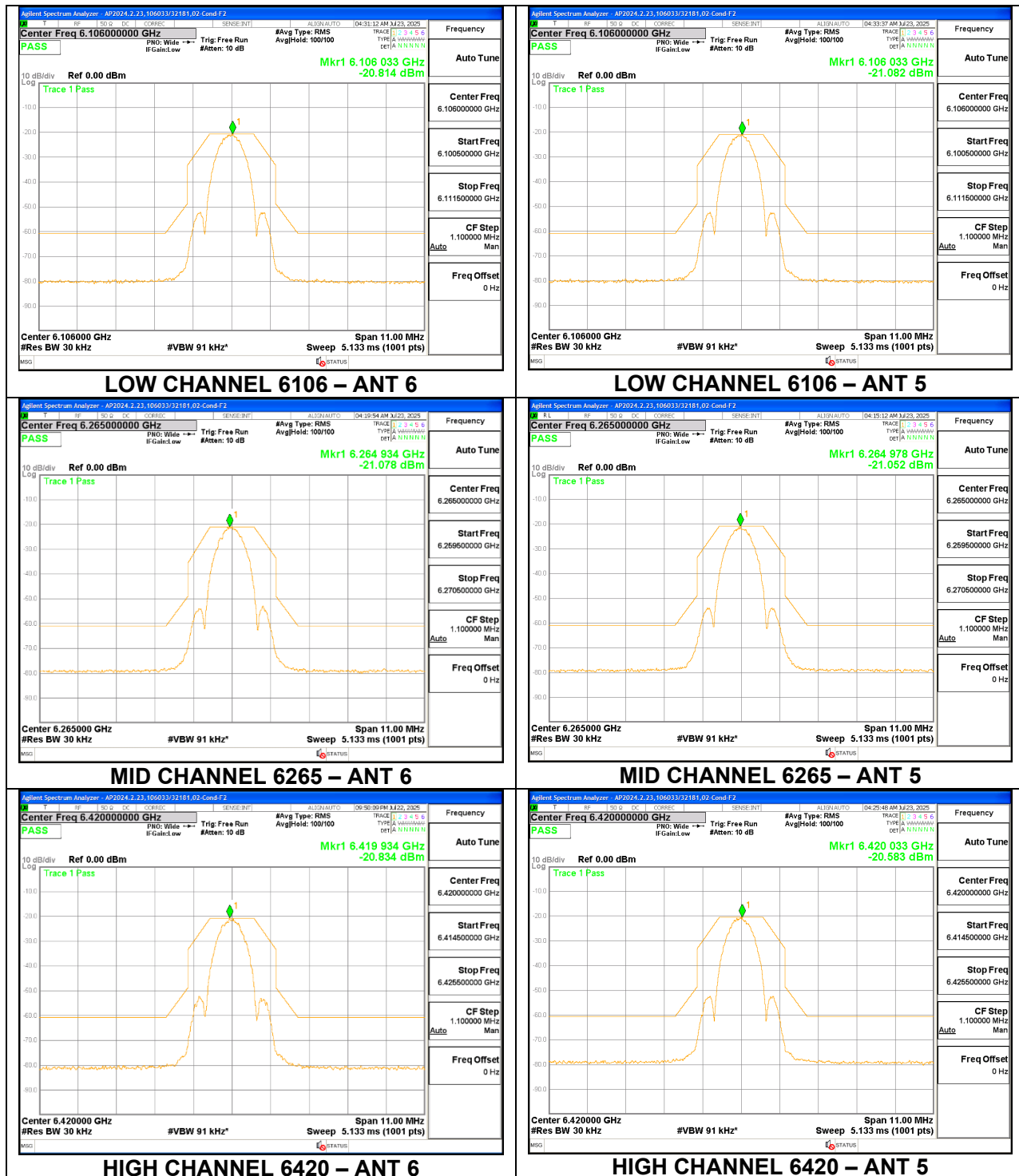


9.4.4. LOW POWER UNII-5 BAND MIMO TXBF MODE

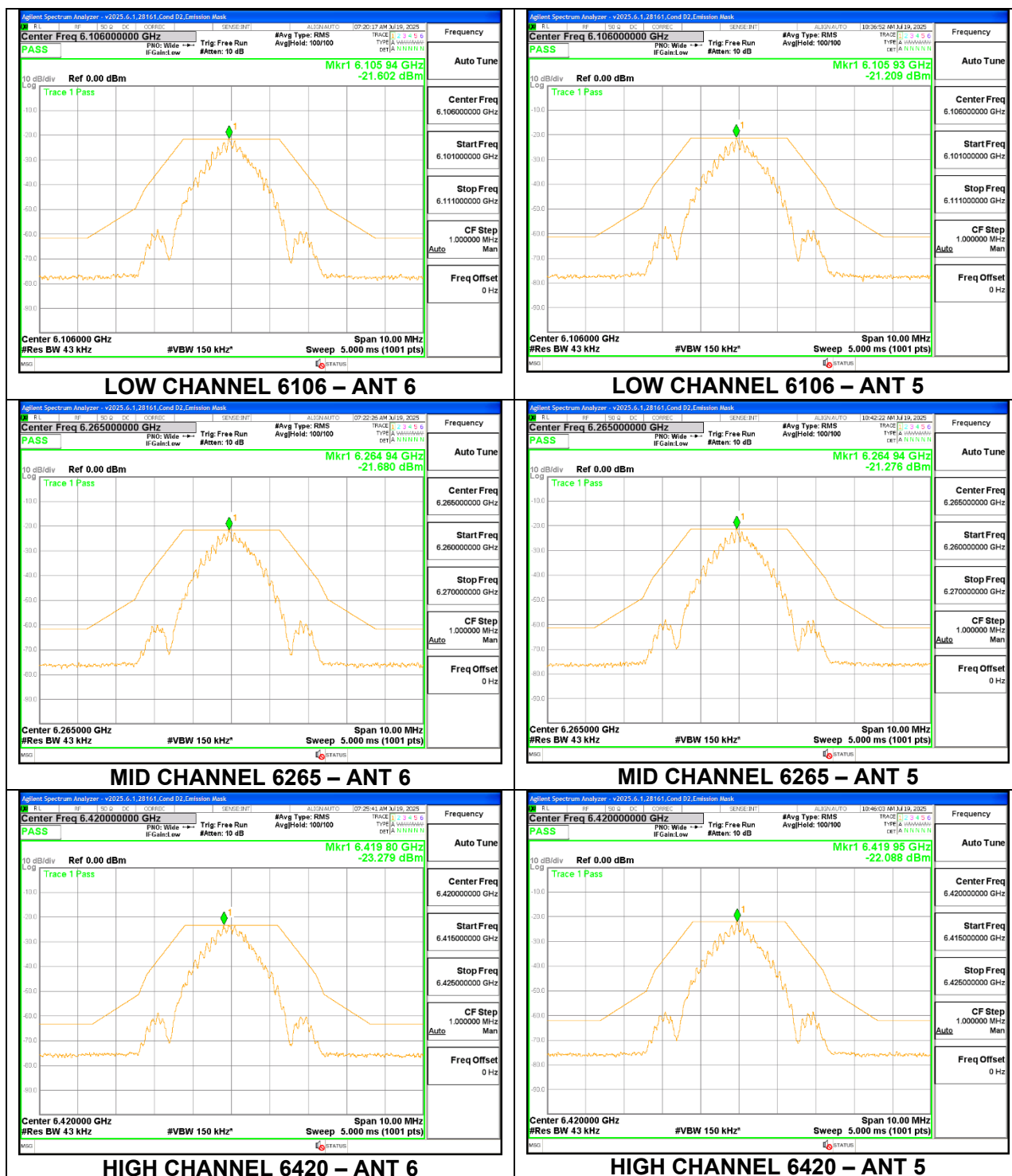
BDR



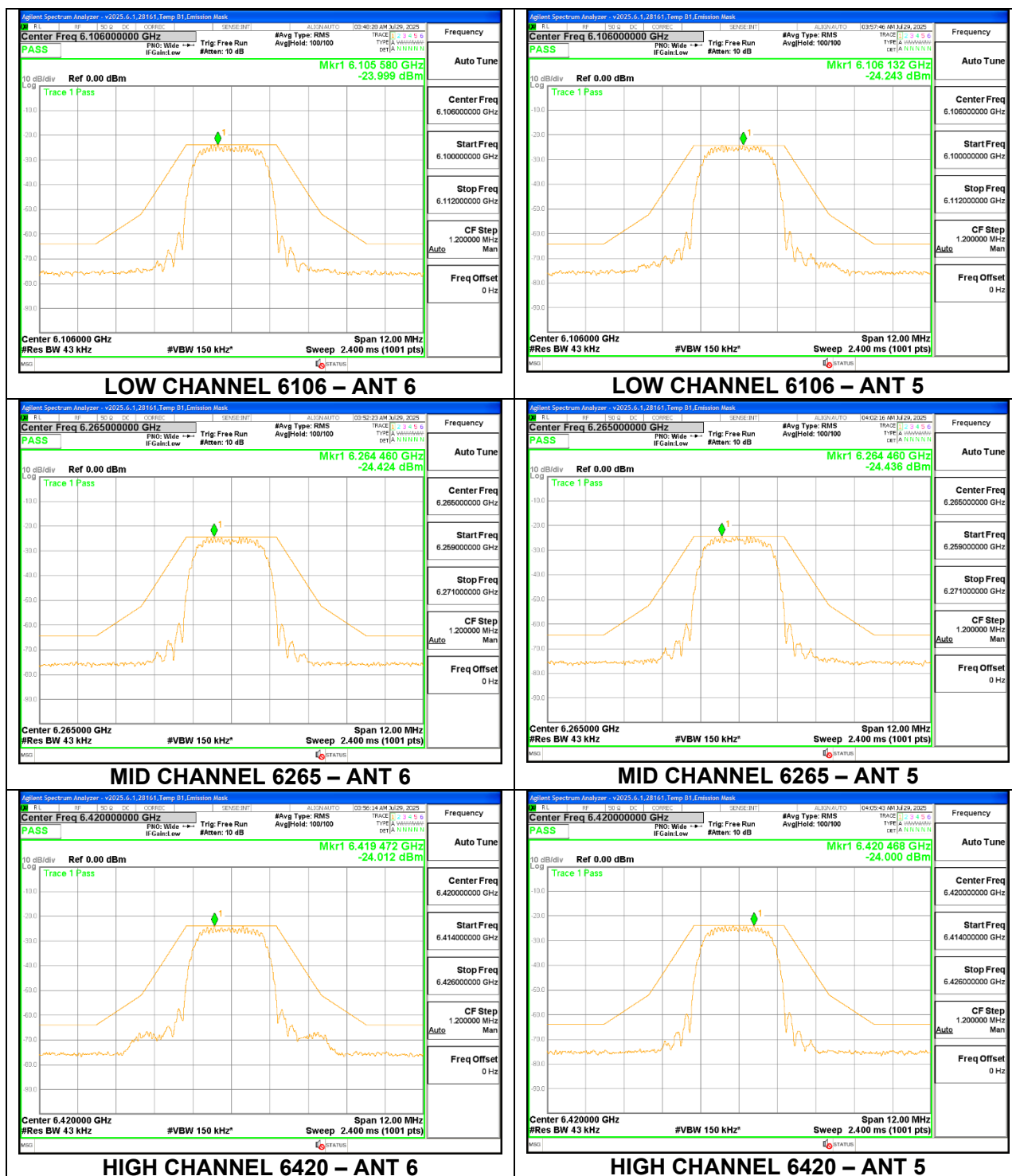
LE1M



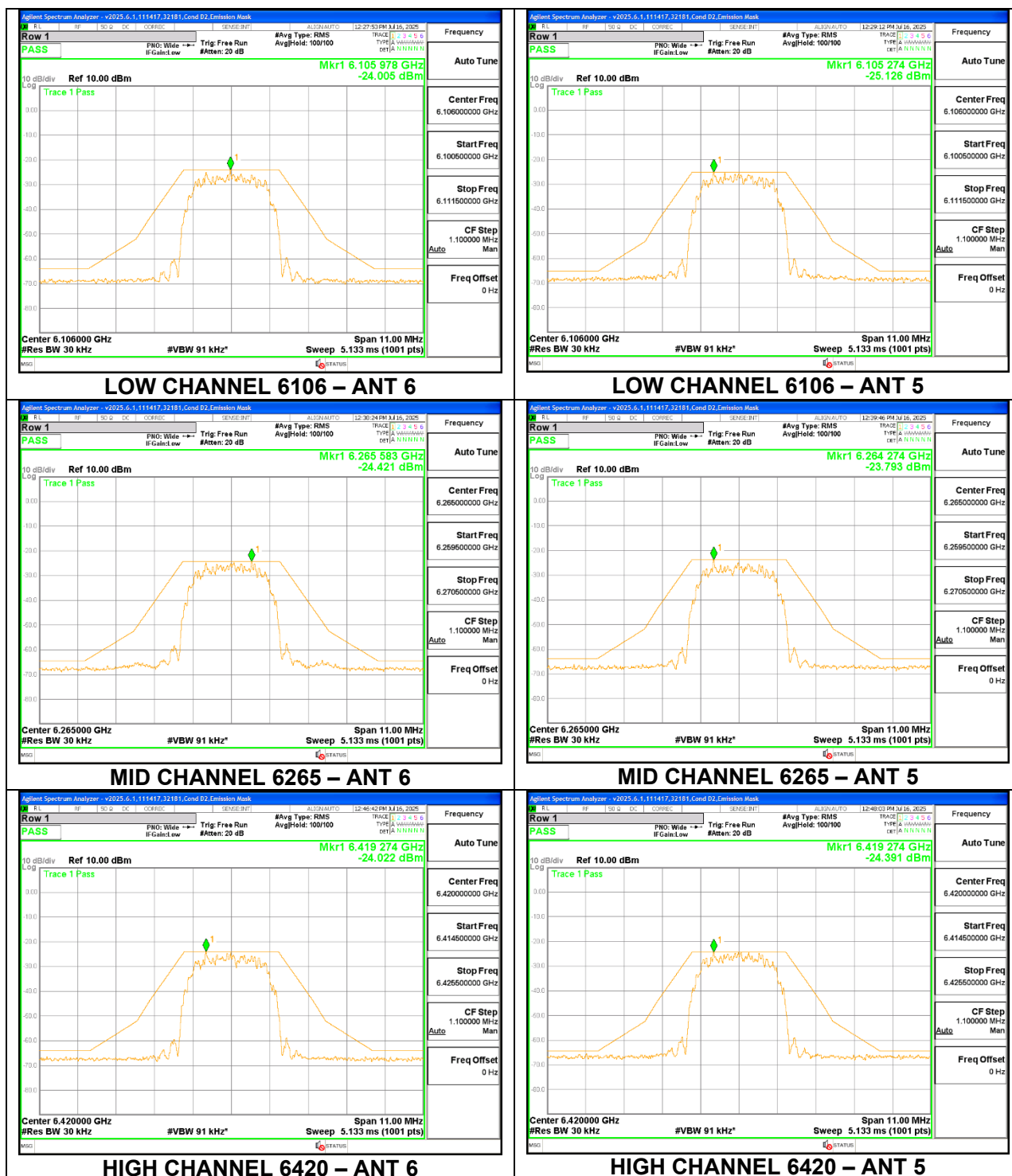
LE2M



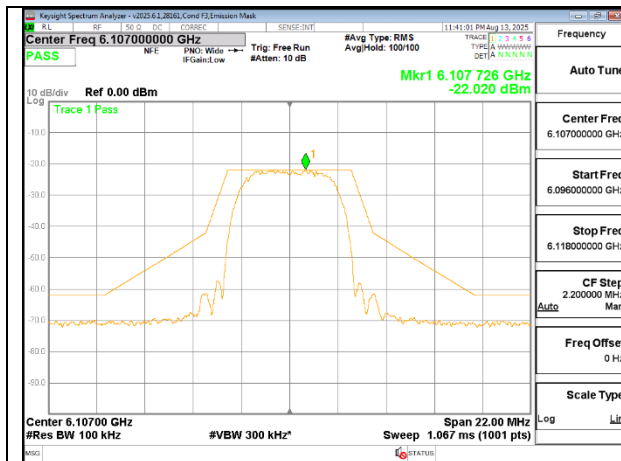
HDT4



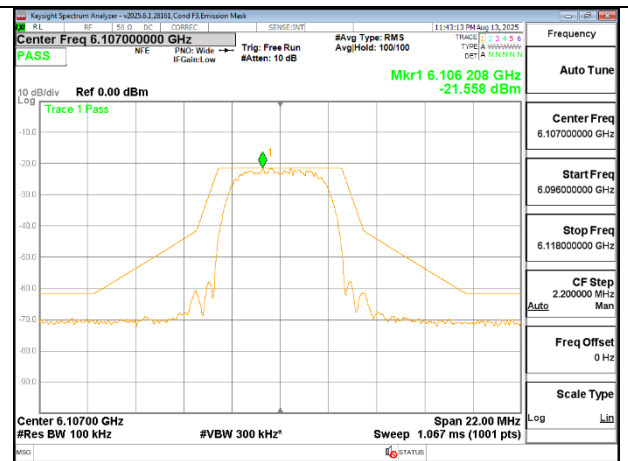
HDR4



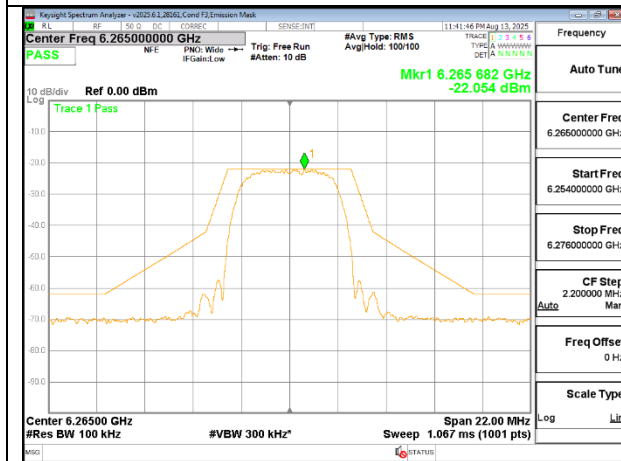
XHDRPM8



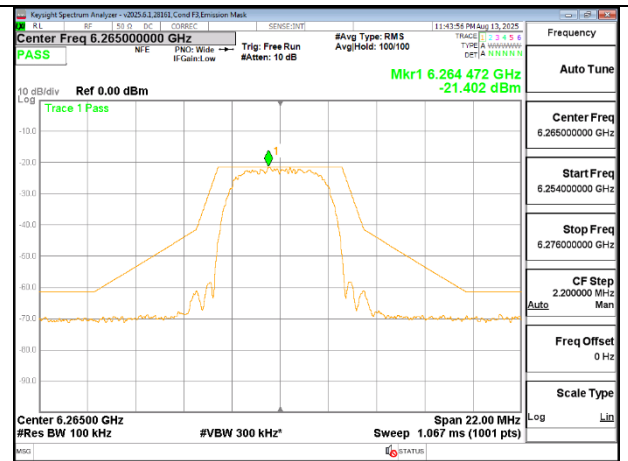
LOW CHANNEL 6107 – ANT 6



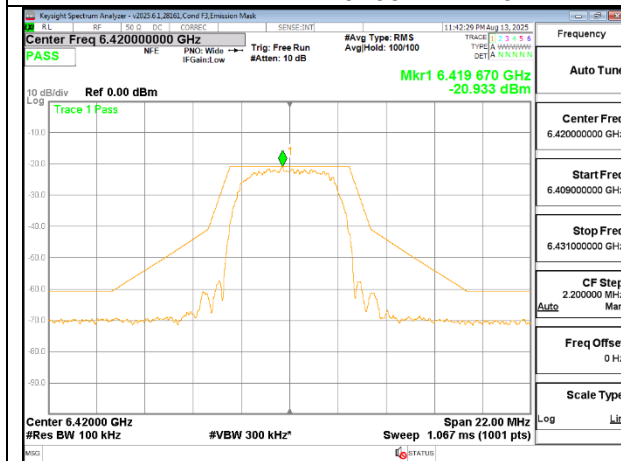
LOW CHANNEL 6107 – ANT 5



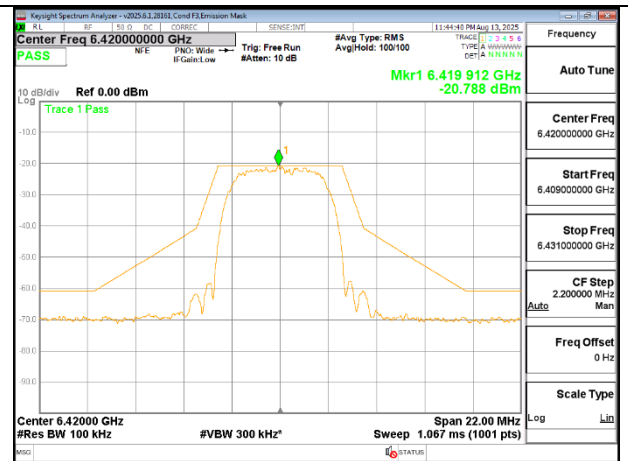
MID CHANNEL 6265 – ANT 6



MID CHANNEL 6265 – ANT 5

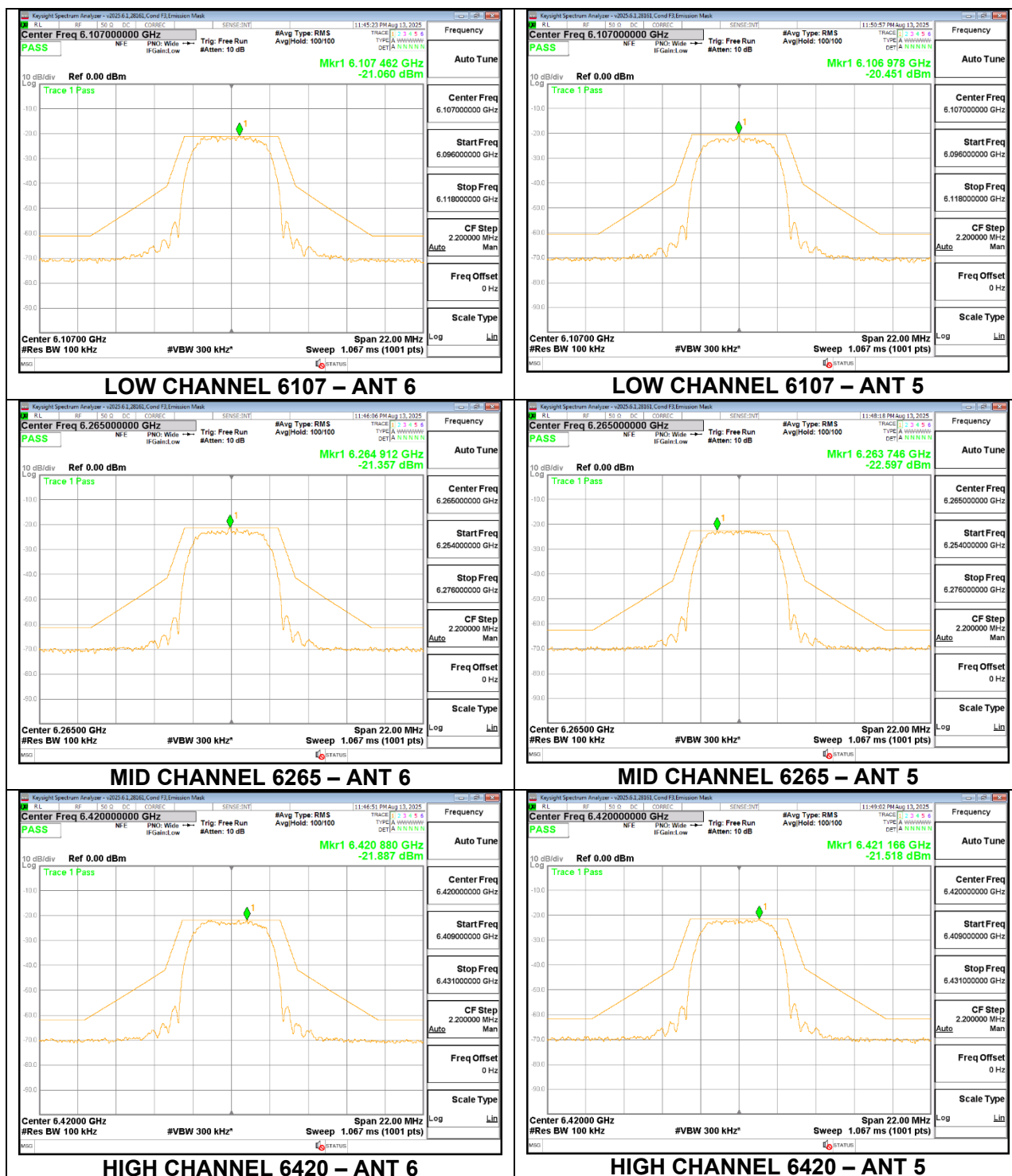


HIGH CHANNEL 6420 – ANT 6

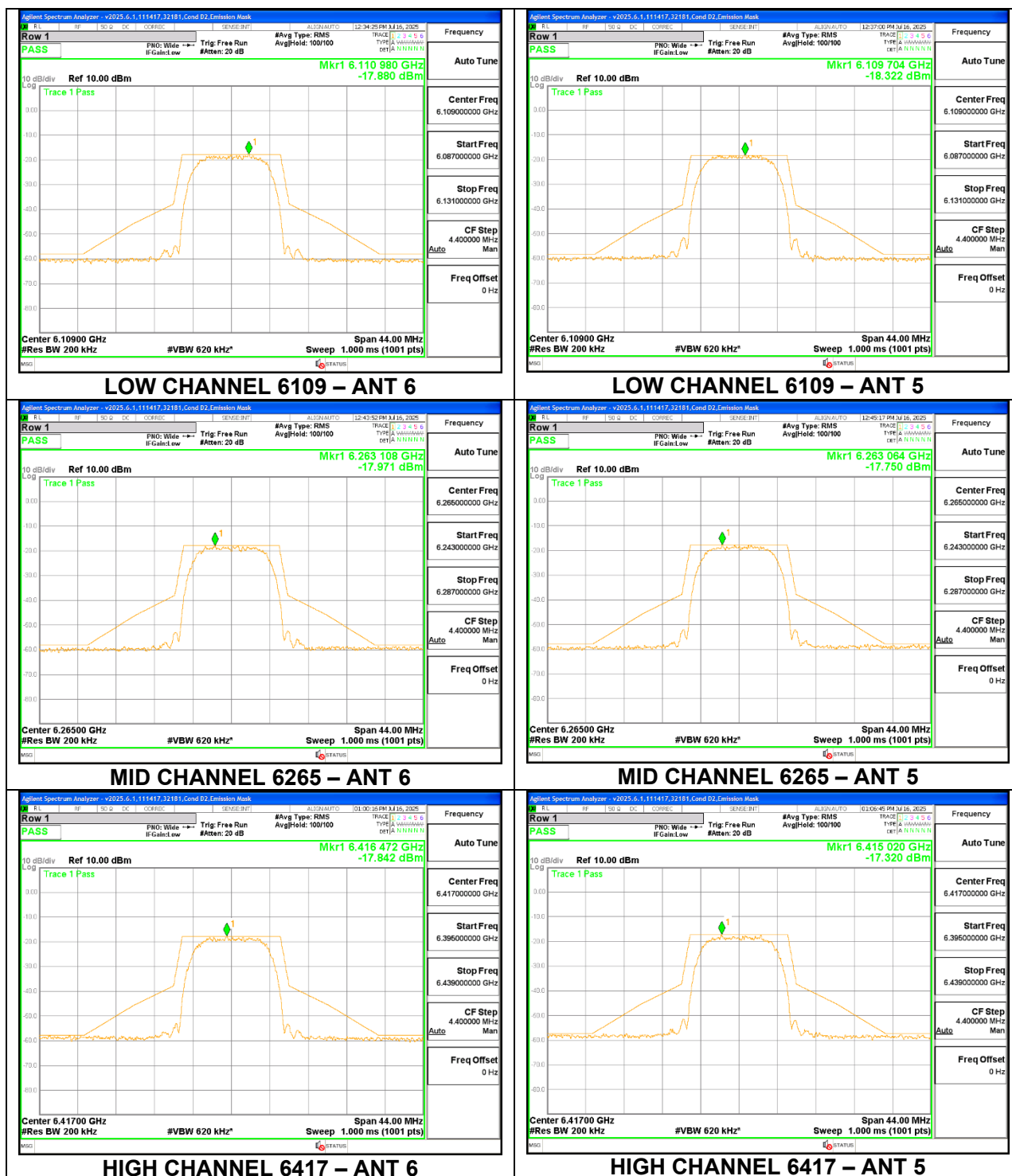


HIGH CHANNEL 6420 – ANT 5

HDRPM12



HDRPL8



10. VLP TPC

LIMITS

FCC §15.407 (d) (10)

(10) Very low power devices operating in the 5.925-6.425 and 6.525-6.875 GHz bands shall employ a transmit power control (TPC) mechanism. A very low power device is required to have the capability to operate at least 6 dB below the maximum EIRP power spectral density (PSD) value of -5 dBm/MHz.

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a. The maximum e.i.r.p. spectral density shall not exceed -5 dBm/MHz
A very low-power device shall implement transmitter power control in order to have the capability to operate at least 6 dB lower than the maximum e.i.r.p. spectral density limit.

PROCEDURE

This test demonstrates the ability of the device to increase and decrease power by the required 6dB as the RSSI is decreased and increased.

1. Configure EUT and companion device for peer-to-peer communication (refer to section 6.6)
2. Set variable attenuator to 0dB (noise free spectral environment, Low RSSI simulation)
3. Establish a link and start communication between EUT and companion device
4. Capture PSD spectrum analyzer trace (3)
5. Set variable attenuator to 40dB (noisy spectral environment, High RSSI simulation)
6. Capture PSD spectrum analyzer trace (2)
7. Compare the highest PSD from trace (2) to the highest PSD on trace (3) and determine the delta.

SA Settings: 100kHz RBW/ 300kHz VBW

Span: 1.5MHz

Sweep: 1ms, max hold enabled for 100 sweeps with rms detector enabled.

Set up - Refer to Section 6.6. EUT was set to HDR4 hopping low power mode.

Companion device used for testing only supports HDR4 IPA hopping mode thus that is the mode used for testing.

RESULTS

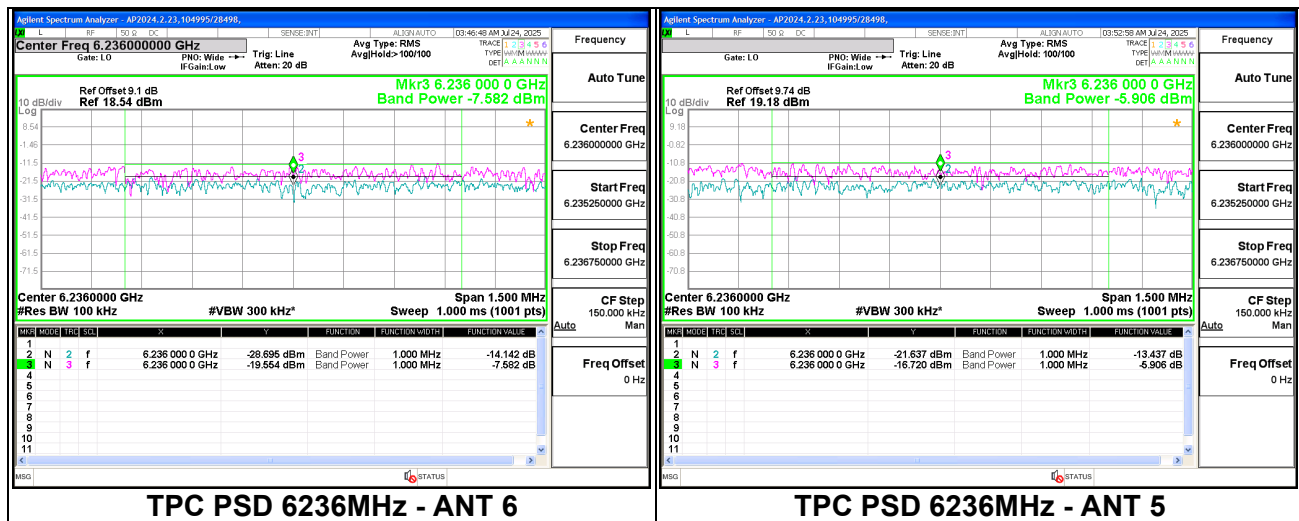
Mode	Antenna 6					Antenna 5				
Frequency (MHz)	Highest Measured PSD EIRP (dBm/MHz)	Trace 2 EIRP PSD (dBm/MHz)	Trace 3 EIRP PSD (dBm/MHz)	Delta (dB)	High RSSI PSD EIRP (dBm/MHz)	Highest Measured PSD EIRP (dBm/MHz)	Trace 2 EIRP PSD (dBm/MHz)	Trace 3 EIRP PSD (dBm/MHz)	Delta (dB)	High RSSI PSD EIRP (dBm/MHz)
6236	-5.598	-14.142	-7.582	6.56	-12.16	-5.839	-13.437	-5.906	7.53	-13.37

For the TPC checks the device is operating in its normal (frequency hopping mode). Due to the frequency hopping operations, capturing the absolute rms PSD values is impractical. To show that output power is reduced with the high RSSI to a level at or below -11dBm/MHz the delta between the high RSSI and low RSSI PSD levels measured with the device hopping is applied to the measured maximum PSD for HDR4 from section 9.3.1 to show that the PSD at the high RSSI level is at or below -11dBm/MHz. The relative measurements (with the device hopping) are made following ANSI C63.10 section 12.6(e) (RBW < 1MHz and integration over 1MHz) at the center of the channel to reduce the impact from adjacent channels.

The device is compliant because when TPC is on the PSD is less than -11dBm/MHz.

Note: Testing was performed on SISO for BT UNII-5 TPC certification. Please refer to the operation description document regarding BT TxBF TPC.

VLP TPC POWER LEVEL REDUCTION



11. RADIATED TEST RESULTS

LIMITS

FCC §15.35(b)
FCC §15.205 Restrict bands
§15.209 and FCC §15.407(b)(6) -Un-Restrict bands

RSS-GEN 8.1
RSS-GEN 8.9 Un-Restrict bands
RSS-GEN 8.10 Restrict bands

RSS 248 Issue 3 section 4.6.2a

Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27dBm/MHz rms and -7dBm/MHz Peak.

General field strength limits at frequencies above 30 MHz;

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 KHz for peak measurements.

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

The spectrum from 30 MHz to 1GHz and 18GHz to 40 GHz is investigated with the transmitter set to transmit at the channel with highest output power as worst-case scenario. 1GHz to 18GHz was set to the lowest, middle, and highest channels in the 6 GHz bands.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

KDB 414788 Open Field Site (OFS) and Chamber Correlation Justification

OFS and chamber correlation testing had been performed and chamber measured test result is the worst-case test result.

Note: The limits in CFR 47, Part 15, Subpart C, paragraph 15.209(a), are identical to those in RSS-Gen section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table), using the free space impedance of 377 Ohms. For example, the measurement at frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to $Y - 51.5 = Z$ dBuA/m, which has the same margin, W dB, to the corresponding RSS-Gen Table 6 limit as it has to 15.209(a) limit.

RESULTS

The plots in these sections are for reference settings only for different bandwidths and different antenna ports.

11.1. TRANSMITTER OUTSIDE 5.925 - 7.125 GHz, 1- 18GHz

11.1.1. UNII-5 BAND SISO MODE – BANDEDGE – HIGH POWER

UNII-5 (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBm)	Det	ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Correct Reading (dBm)	Avg Limit (dBm)	Avg Margin (dB)	Pk Limit (dBm)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR	6106	6	5.848534	-61.27	RMS	35	11.8	1.16	-33.85	-47.16	-27	-20.16	-	-	300	106	H
			5.911135	-49.07	Pk	35.2	11.8	0	-33.83	-35.9	-	-	-7	-28.9	300	106	H
			5.925	-52.59	Pk	35.2	11.8	0	-33.72	-39.31	-	-	-7	-32.31	300	106	H
			5.925	-63.27	RMS	35.2	11.8	1.16	-33.72	-48.83	-27	-21.83	-	-	300	106	H
			5.886468	-61.77	RMS	35.1	11.8	1.16	-33.54	-47.25	-27	-20.25	-	-	324	102	V
			5.910335	-49.37	Pk	35.1	11.8	0	-33.84	-36.31	-	-	-7	-29.31	324	102	V
			5.925	-51.1	Pk	35.2	11.8	0	-33.72	-37.82	-	-	-7	-30.82	324	102	V
			5.925	-63.13	RMS	35.2	11.8	1.16	-33.72	-48.69	-27	-21.69	-	-	324	102	V
			5.746134	-46.51	Pk	34.8	11.8	0	-38.14	-38.05	-	-	-7	-31.05	357	116	H
		5	5.891668	-59.17	RMS	35	11.8	1.16	-37.74	-48.95	-27	-21.95	-	-	357	116	H
			5.925	-50.05	Pk	35.1	11.8	0	-37.62	-40.77	-	-	-7	-33.77	357	116	H
			5.925	-60.62	RMS	35.1	11.8	1.16	-37.62	-50.18	-27	-23.18	-	-	357	116	H
			5.873268	-59.27	RMS	35	11.8	1.16	-37.61	-48.92	-27	-21.92	-	-	35	137	V
			5.922735	-47.12	Pk	35.1	11.8	0	-37.6	-37.82	-	-	-7	-30.82	35	137	V
			5.925	-49.75	Pk	35.1	11.8	0	-37.62	-40.47	-	-	-7	-33.47	35	137	V
			5.925	-60.61	RMS	35.1	11.8	1.16	-37.62	-50.17	-27	-23.17	-	-	35	137	V
		6	5.885601	-61.84	RMS	35.1	11.8	0.72	-33.5	-47.72	-27	-20.72	-	-	99	107	H
			5.887201	-49.85	Pk	35.1	11.8	0	-33.59	-36.54	-	-	-7	-29.54	99	107	H
			5.925	-51.82	Pk	35.2	11.8	0	-33.72	-38.54	-	-	-7	-31.54	99	107	H
			5.925	-62.75	RMS	35.2	11.8	0.72	-33.72	-48.75	-27	-21.75	-	-	99	107	H
			5.828201	-49.4	Pk	34.9	11.8	0	-33.79	-36.49	-	-	-7	-29.49	318	109	V
			5.879335	-61.73	RMS	35.1	11.8	0.72	-33.57	-47.68	-27	-20.68	-	-	318	109	V
			5.925	-51.51	Pk	35.2	11.8	0	-33.72	-38.23	-	-	-7	-31.23	318	109	V
			5.925	-62.88	RMS	35.2	11.8	0.72	-33.72	-48.88	-27	-21.88	-	-	318	109	V
		5	5.849734	-47.16	Pk	35	11.8	0	-37.82	-38.18	-	-	-7	-31.18	334	104	H
			5.857668	-59.18	RMS	35	11.8	0.72	-37.8	-49.46	-27	-22.46	-	-	334	104	H
			5.925	-50.14	Pk	35.1	11.8	0	-37.62	-40.86	-	-	-7	-33.86	334	104	H
			5.925	-60.13	RMS	35.1	11.8	0.72	-37.62	-50.13	-27	-23.13	-	-	334	104	H
			5.838201	-47.17	Pk	35	11.8	0	-37.71	-38.08	-	-	-7	-31.08	59	115	V
			5.874801	-59.19	RMS	35	11.8	0.72	-37.66	-49.33	-27	-22.33	-	-	59	115	V
			5.925	-50.23	Pk	35.1	11.8	0	-37.62	-40.95	-	-	-7	-33.95	59	115	V
			5.925	-60.61	RMS	35.1	11.8	0.72	-37.62	-50.61	-27	-23.61	-	-	59	115	V
LE1M	6106	6	5.854801	-49.67	Pk	35	11.8	0	-33.76	-36.63	-	-	-7	-29.63	97	124	H
			5.877868	-61.62	RMS	35.1	11.8	2.52	-33.64	-45.84	-27	-18.84	-	-	97	124	H
			5.925	-52.04	Pk	35.2	11.8	0	-33.72	-38.76	-	-	-7	-31.76	97	124	H
			5.925	-62.96	RMS	35.2	11.8	2.52	-33.72	-47.16	-27	-20.16	-	-	97	124	H
			5.881001	-49.89	Pk	35.1	11.8	0	-33.48	-36.47	-	-	-7	-29.47	318	109	V
			5.884868	-63.5	RMS	35.1	11.8	2.52	-33.47	-47.55	-27	-20.55	-	-	318	109	V
			5.925	-51.96	Pk	35.2	11.8	0	-33.72	-38.68	-	-	-7	-31.68	318	109	V
			5.925	-64.66	RMS	35.2	11.8	2.52	-33.72	-48.86	-27	-21.86	-	-	318	109	V
		5	5.850268	-59.08	RMS	35	11.8	2.52	-37.84	-47.6	-27	-20.6	-	-	357	116	H
			5.871401	-47.52	Pk	35	11.8	0	-37.61	-38.33	-	-	-7	-31.33	357	116	H
			5.925	-49.89	Pk	35.1	11.8	0	-37.62	-40.61	-	-	-7	-33.61	357	116	H
			5.925	-60.67	RMS	35.1	11.8	2.52	-37.62	-48.87	-27	-21.87	-	-	357	116	H
			5.844334	-59.27	RMS	35	11.8	2.52	-37.66	-47.61	-27	-20.61	-	-	37	136	V
			5.897668	-47.34	Pk	35	11.8	0	-37.73	-38.27	-	-	-7	-31.27	37	136	V
			5.925	-49.97	Pk	35.1	11.8	0	-37.62	-40.69	-	-	-7	-33.69	37	136	V
			5.925	-59.83	RMS	35.1	11.8	2.52	-37.62	-48.03	-27	-21.03	-	-	37	136	V
		6	5.797868	-71.62	RMS	34.9	11.8	0.3	-23	-47.61	-27	-20.61	-	-	241	107	H
			5.852601	-58.87	Pk	35	11.8	0	-23.6	-35.67	-	-	-7	-28.67	241	107	H
			5.925	-62.62	Pk	35.2	11.8	0	-23.7	-39.32	-	-	-7	-32.32	241	107	H
			5.925	-73.6	RMS	35.2	11.8	0.3	-23.7	-49.99	-27	-22.99	-	-	241	107	H
			5.790534	-59.25	Pk	34.9	11.8	0	-23	-35.55	-	-	-7	-28.55	97	105	V
			5.804668	-71.64	RMS	34.9	11.8	0.3	-23	-47.63	-27	-20.63	-	-	97	105	V
			5.925	-62.73	Pk	35.2	11.8	0	-23.7	-39.43	-	-	-7	-32.43	97	105	V
			5.925	-72.94	RMS	35.2	11.8	0.3	-23.7	-49.33	-27	-22.33	-	-	97	105	V
		5	5.712867	-71.38	RMS	34.8	11.8	0.3	-23.2	-47.67	-27	-20.67	-	-	269	194	H
			5.775267	-59.63	Pk	34.9	11.8	0	-23.3	-36.23	-	-	-7	-29.23	269	194	H
			5.925	-63.21	Pk	35.2	11.8	0	-23.7	-39.91	-	-	-7	-32.91	269	194	H
			5.925	-73.23	RMS	35.2	11.8	0.3	-23.7	-49.62	-27	-22.62	-	-	269	194	H
			5.808201	-71.59	RMS	34.9	11.8	0.3	-23.1	-47.68	-27	-20.68	-	-	159	135	V
			5.862335	-59.5	Pk	35	11.8	0	-23.3	-36	-	-	-7	-29	159	135	V
			5.925	-61.99	Pk	35.2	11.8	0	-23.7	-38.69	-	-	-7	-31.69	159	135	V
			5.925	-73.17	RMS	35.2	11.8	0.3	-23.7	-49.56	-27	-22.56	-	-	159	135	V
LE2M	6106	6	5.854801	-49.67	Pk	35	11.8	0	-33.76	-36.63	-	-	-7	-29.63	97	124	H
			5.877868	-61.62	RMS	35.1	11.8	2.52	-33.64	-45.84	-27	-18.84	-	-	97	124	H
			5.925	-52.04	Pk	35.2	11.8	0	-33.72	-38.76	-	-	-7	-31.76	97	124	H
			5.925	-62.96	RMS	35.2	11.8	2.52	-33.72	-47.16	-27	-20.16	-	-	97	124	H
			5.881001	-49.89	Pk	35.1	11.8	0	-33.48	-36.47	-	-	-7	-29.47	318	109	V
			5.884868	-63.5	RMS	35.1	11.8	2.52	-33.47	-47.55	-27	-20.55	-	-	318	109	V
			5.925	-51.96	Pk	35.2	11.8	0	-33.72	-38.68	-	-	-7	-31.68	318	109	V
			5.925	-64.66	RMS	35.2	11.8	2.52	-33.72	-48.86	-27	-21.86	-	-	318	109	V
		5	5.850268	-59.08	RMS	35	11.8	2.52	-37.84	-47.6	-27	-20.6	-	-	357	116	H
			5.871401	-47.52	Pk	35	11.8	0	-37.61	-38.33	-	-	-7	-31.33	357	116	H
			5.925	-49.89	Pk	35.1	11.8	0	-37.62	-40.61	-	-	-7	-33.61	357	116	H
			5.925	-60.67	RMS	35.1	11.8	2.52	-37.62	-48.87	-27	-21.87	-	-	357	116	H
			5.844334	-59.27	RMS	35	11.8	2.52	-37.66	-47.61	-27	-20.61	-	-	37	136	V
			5.897668	-47.34	Pk	35	11.8	0	-37.73	-38.27	-	-	-7	-31.27	37	136	V
			5.925	-49.97	Pk	35.1	11.8	0	-37.62	-40.69	-	-	-7	-33.69	37	136	V

UNII-5 (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBm)	Det	ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Correct Reading (dBm)	Avg Limit (dBm)	Avg Margin (dB)	Pk Limit (dBm)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
HDR4	6106	6	5.828868	-49.38	Pk	34.9	11.8	0	-33.81	-36.49	-	-	-7	-29.49	97	124	H
			5.842201	-60.18	RMS	35	11.8	1.09	-33.84	-46.13	-27	-19.13	-	-	97	124	H
			5.925	-51.94	Pk	35.2	11.8	0	-33.72	-38.66	-	-	-7	-31.66	97	124	H
			5.925	-61.41	RMS	35.2	11.8	1.09	-33.72	-47.04	-27	-20.04	-	-	97	124	H
			5.880135	-49.64	Pk	35.1	11.8	0	-33.53	-36.27	-	-	-7	-29.27	315	108	V
			5.883868	-61.59	RMS	35.1	11.8	1.09	-33.44	-47.04	-27	-20.04	-	-	315	108	V
		5	5.925	-52.28	Pk	35.2	11.8	0	-33.72	-39	-	-	-7	-32	315	108	V
			5.925	-62.54	RMS	35.2	11.8	1.09	-33.72	-48.17	-27	-21.17	-	-	315	108	V
			5.688334	-46.7	Pk	34.6	11.8	0	-38.17	-38.47	-	-	-7	-31.47	331	101	H
			5.845468	-59.25	RMS	35	11.8	1.09	-37.71	-49.07	-27	-22.07	-	-	331	101	H
			5.925	-49.59	Pk	35.1	11.8	0	-37.62	-40.31	-	-	-7	-33.31	331	101	H
			5.925	-60.03	RMS	35.1	11.8	1.09	-37.62	-49.66	-27	-22.66	-	-	331	101	H
			5.875535	-59.17	RMS	35	11.8	1.09	-37.69	-48.97	-27	-21.97	-	-	53	118	V
			5.914535	-47.56	Pk	35.1	11.8	0	-37.56	-38.22	-	-	-7	-31.22	53	118	V
			5.925	-49.09	Pk	35.1	11.8	0	-37.62	-39.81	-	-	-7	-32.81	53	118	V
			5.925	-60.4	RMS	35.1	11.8	1.09	-37.62	-50.03	-27	-23.03	-	-	53	118	V
XHDPMP8	6107	6	5.843601	-55.08	Pk	35	11.8	0	-29.8	-38.08	-	-	-7	-31.08	218	110	H
			5.853401	-66.82	RMS	35	11.8	0.34	-29.8	-49.47	-27	-22.47	-	-	218	110	H
			5.925	-57.38	Pk	35.2	11.8	0	-29.7	-40.08	-	-	-7	-33.08	218	110	H
			5.925	-67.78	RMS	35.2	11.8	0.34	-29.7	-50.13	-27	-23.13	-	-	218	110	H
			5.797268	-54.48	Pk	34.8	11.8	0	-29.8	-37.68	-	-	-7	-30.68	61	102	V
			5.868868	-66.78	RMS	35	11.8	0.34	-29.7	-49.33	-27	-22.33	-	-	61	102	V
		5	5.925	-57.9	Pk	35.2	11.8	0	-29.7	-40.6	-	-	-7	-33.6	61	102	V
			5.925	-68.61	RMS	35.2	11.8	0.34	-29.7	-50.96	-27	-23.96	-	-	61	102	V
			5.908001	-54.71	Pk	35.1	11.8	0	-29.7	-37.51	-	-	-7	-30.51	327	229	H
			5.914668	-66.82	RMS	35.1	11.8	0.34	-29.7	-49.27	-27	-22.27	-	-	327	229	H
			5.925	-56.7	Pk	35.2	11.8	0	-29.7	-39.4	-	-	-7	-32.4	327	229	H
			5.925	-68.29	RMS	35.2	11.8	0.34	-29.7	-50.64	-27	-23.64	-	-	327	229	H
		5	5.891001	-66.89	RMS	35.1	11.8	0.34	-29.7	-49.34	-27	-22.34	-	-	236	120	V
			5.896068	-55.35	Pk	35.1	11.8	0	-29.7	-38.15	-	-	-7	-31.15	236	120	V
			5.925	-57.99	Pk	35.2	11.8	0	-29.7	-40.69	-	-	-7	-33.69	236	120	V
			5.925	-68.11	RMS	35.2	11.8	0.34	-29.7	-50.46	-27	-23.46	-	-	236	120	V
HDRPM12	6107	6	5.790201	-66.62	RMS	34.8	11.8	0.29	-29.8	-49.52	-27	-22.52	-	-	224	117	H
			5.908535	-54.73	Pk	35.1	11.8	0	-29.7	-37.53	-	-	-7	-30.53	224	117	H
			5.925	-57.02	Pk	35.2	11.8	0	-29.7	-39.72	-	-	-7	-32.72	224	117	H
			5.925	-67.97	RMS	35.2	11.8	0.29	-29.7	-50.37	-27	-23.37	-	-	224	117	H
			5.876401	-55.31	Pk	35	11.8	0	-29.7	-38.21	-	-	-7	-31.21	62	107	V
			5.909001	-66.74	RMS	35.1	11.8	0.29	-29.7	-49.24	-27	-22.24	-	-	62	107	V
		5	5.925	-57.15	Pk	35.2	11.8	0	-29.7	-39.85	-	-	-7	-32.85	62	107	V
			5.925	-67.82	RMS	35.2	11.8	0.29	-29.7	-50.22	-27	-23.22	-	-	62	107	V
			5.753667	-54.49	Pk	34.7	11.8	0	-29.9	-37.89	-	-	-7	-30.89	353	102	H
			5.918935	-67.09	RMS	35.1	11.8	0.29	-29.7	-49.59	-27	-22.59	-	-	353	102	H
			5.925	-56.71	Pk	35.2	11.8	0	-29.7	-39.41	-	-	-7	-32.41	353	102	H
			5.925	-67.32	RMS	35.2	11.8	0.29	-29.7	-49.72	-27	-22.72	-	-	353	102	H
		5	5.805534	-54.76	Pk	34.9	11.8	0	-29.8	-37.86	-	-	-7	-30.86	51	102	V
			5.871601	-66.75	RMS	35	11.8	0.29	-29.7	-49.35	-27	-22.35	-	-	51	102	V
			5.925	-57.09	Pk	35.2	11.8	0	-29.7	-39.79	-	-	-7	-32.79	51	102	V
			5.925	-68.15	RMS	35.2	11.8	0.29	-29.7	-50.55	-27	-23.55	-	-	51	102	V
HDRPL8	6109	6	5.892001	-60.77	RMS	35.1	11.8	0.16	-33.74	-47.45	-27	-20.45	-	-	328	176	H
			5.897268	-49.62	Pk	35.1	11.8	0	-33.74	-36.46	-	-	-7	-29.46	328	176	H
			5.925	-52.27	Pk	35.2	11.8	0	-33.72	-38.99	-	-	-7	-31.99	328	176	H
			5.925	-61.79	RMS	35.2	11.8	0.16	-33.72	-48.35	-27	-21.35	-	-	328	176	H
			5.784601	-48.74	Pk	34.8	11.8	0	-33.95	-36.09	-	-	-7	-29.09	358	127	V
			5.886068	-61.66	RMS	35.1	11.8	0.16	-33.51	-48.11	-27	-21.11	-	-	358	127	V
		5	5.925	-52.54	Pk	35.2	11.8	0	-33.72	-39.26	-	-	-7	-32.26	358	127	V
			5.925	-63.21	RMS	35.2	11.8	0.16	-33.72	-49.77	-27	-22.77	-	-	358	127	V
			5.792068	-71.3	RMS	34.9	11.8	0.16	-23	-47.44	-27	-20.44	-	-	88	107	H
			5.873535	-59.67	Pk	35.1	11.8	0	-23.2	-35.97	-	-	-7	-28.97	88	107	H
			5.925	-62.79	Pk	35.2	11.8	0	-23.7	-39.49	-	-	-7	-32.49	88	107	H
			5.925	-73.11	RMS	35.2	11.8	0.16	-23.7	-49.63	-27	-22.63	-	-	88	107	H
		5	5.791534	-71.28	RMS	34.9	11.8	0.16	-23	-47.42	-27	-20.42	-	-	191	121	V
			5.799734	-59.78	Pk	34.9	11.8	0	-23	-36.08	-	-	-7	-29.08	191	121	V
			5.925	-62.03	Pk	35.2	11.8	0	-23.7	-38.73	-	-	-7	-31.73	191	121	V
			5.925	-73.49	RMS	35.2	11.8	0.16	-23.7	-50.03	-27	-23.03	-	-	191	121	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

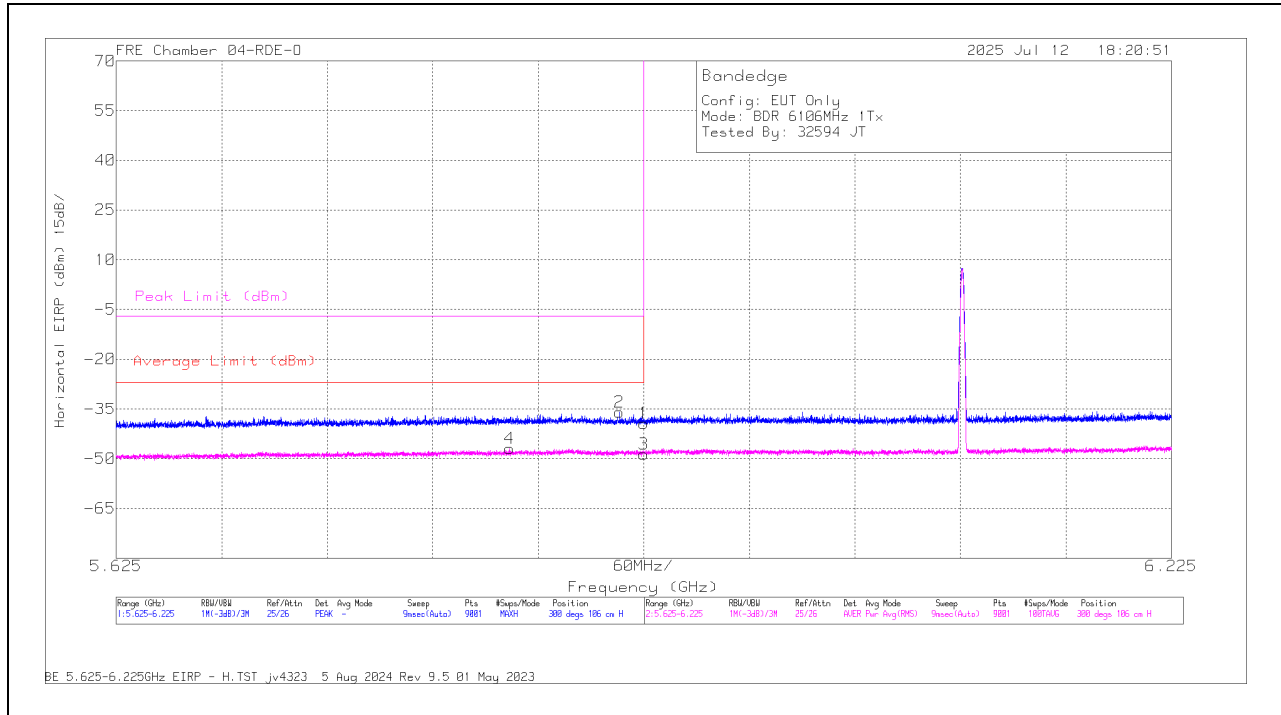
Pk - Peak detector

RMS - RMS detection

1TX Antenna 6:

BANDEDGE (LOW CHANNEL / 6106MHz)

HORIZONTAL RESULT

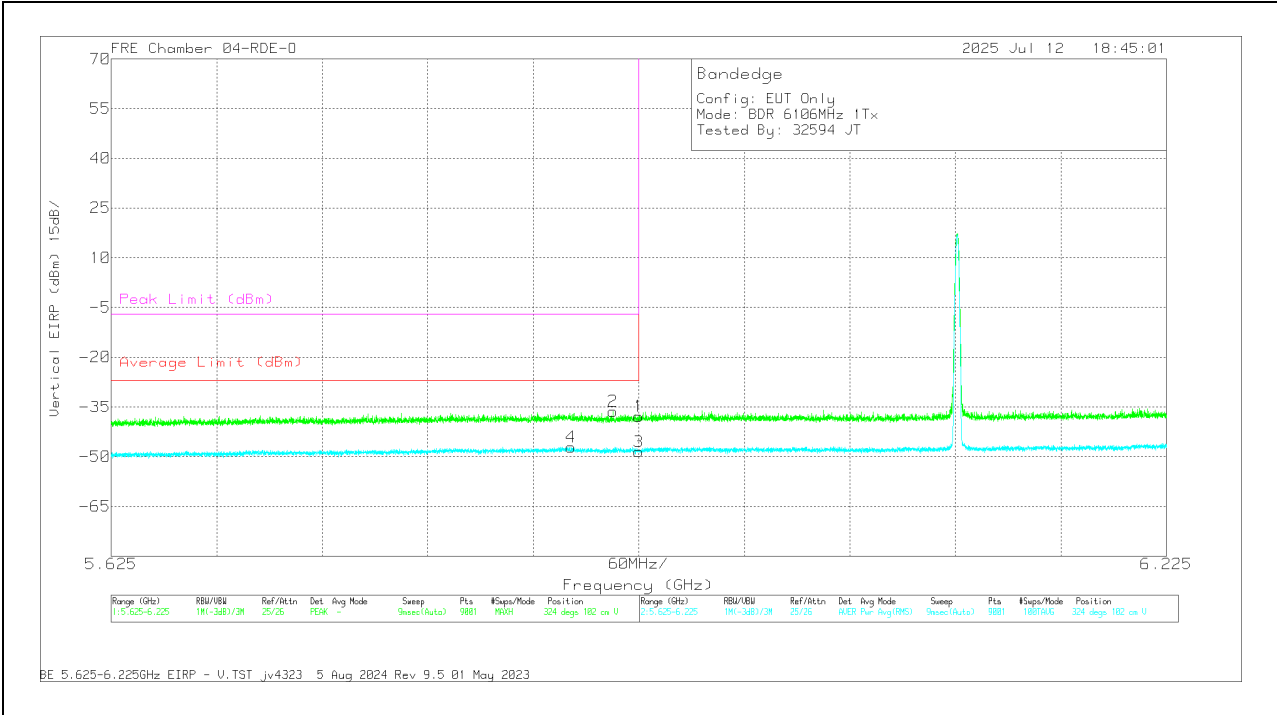


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200896 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Average Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.848534	-61.27	RMS	35	11.8	1.16	-33.85	-47.16	-27	-20.16	-	-	300	106	H
2	5.911135	-49.07	Pk	35.2	11.8	0	-33.83	-35.9	-	-	-7	-28.9	300	106	H
1	5.925	-52.59	Pk	35.2	11.8	0	-33.72	-39.31	-	-	-7	-32.31	300	106	H
3	5.925	-63.27	RMS	35.2	11.8	1.16	-33.72	-48.83	-27	-21.83	-	-	300	106	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200896 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Average Limit (dBm)	Margin (dB)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.886468	-61.77	RMS	35.1	11.8	1.16	-33.54	-47.25	-27	-20.25	-	-	324	102	V
2	5.910335	-49.37	Pk	35.1	11.8	0	-33.84	-36.31	-	-	-7	-29.31	324	102	V
1	5.925	-51.1	Pk	35.2	11.8	0	-33.72	-37.82	-	-	-7	-30.82	324	102	V
3	5.925	-63.13	RMS	35.2	11.8	1.16	-33.72	-48.69	-27	-21.69	-	-	324	102	V

Pk - Peak detector
RMS - RMS detection

11.1.2. UNII-5 BAND MIMO MODE – BANDEDGE – HIGH POWER

UNII-5 (MIMO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBm)	Det	ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Correct Reading (dBm)	Avg Limit (dBm)	Avg Margin (dB)	Pk Limit (dBm)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR	6106	6 + 5	5.869401	-66.96	Pk	34.9	11.8	0	-16.3	-36.56	-	-	-7	-29.56	333	251	H
			5.910935	-78.71	RMS	35.1	11.8	1.16	-16.3	-46.95	-27	-19.95	-	-	333	251	H
			5.925	-69.11	Pk	35.1	11.8	0	-16.2	-38.41	-	-	-7	-31.41	333	251	H
			5.925	-80.15	RMS	35.1	11.8	1.16	-16.2	-48.27	-27	-21.27	-	-	333	251	H
			5.836868	-66.88	Pk	34.9	11.8	0	-16.5	-36.68	-	-	-7	-29.68	77	185	V
			5.913801	-79.01	RMS	35.1	11.8	1.16	-16.2	-47.15	-27	-20.15	-	-	77	185	V
			5.925	-69.93	Pk	35.1	11.8	0	-16.2	-39.23	-	-	-7	-32.23	77	185	V
			5.925	-79.79	RMS	35.1	11.8	1.16	-16.2	-47.93	-27	-20.93	-	-	77	185	V
			5.834134	-66.6	Pk	34.9	11.8	0	-16.7	-36.6	-	-	-7	-29.6	301	171	H
			5.836868	-78.72	RMS	34.9	11.8	0.72	-16.5	-47.8	-27	-20.8	-	-	301	171	H
LE1M	6106	6 + 5	5.925	-69.94	Pk	35.1	11.8	0	-16.2	-39.24	-	-	-7	-32.24	301	171	H
			5.925	-80.55	RMS	35.1	11.8	0.72	-16.2	-49.13	-27	-22.13	-	-	301	171	H
			5.856734	-78.91	RMS	34.9	11.8	0.72	-16.3	-47.79	-27	-20.79	-	-	224	199	V
			5.876068	-67.42	Pk	35	11.8	0	-16.3	-36.92	-	-	-7	-29.92	224	199	V
			5.925	-70.33	Pk	35.1	11.8	0	-16.2	-39.63	-	-	-7	-32.63	224	199	V
			5.925	-79.86	RMS	35.1	11.8	0.72	-16.2	-48.44	-27	-21.44	-	-	224	199	V
			5.847268	-78.75	RMS	34.9	11.8	2.52	-16.3	-45.83	-27	-18.83	-	-	344	387	H
			5.907801	-66.64	Pk	35	11.8	0	-16.3	-36.14	-	-	-7	-29.14	344	387	H
			5.925	-69.63	Pk	35.1	11.8	0	-16.2	-38.93	-	-	-7	-31.93	344	387	H
			5.925	-80.09	RMS	35.1	11.8	2.52	-16.2	-46.87	-27	-19.87	-	-	344	387	H
LE2M	6106	6 + 5	5.830534	-66.38	Pk	34.9	11.8	0	-16.8	-36.48	-	-	-7	-29.48	308	132	V
			5.920468	-78.93	RMS	35.1	11.8	2.52	-16.3	-45.81	-27	-18.81	-	-	308	132	V
			5.925	-68.98	Pk	35.1	11.8	0	-16.2	-38.28	-	-	-7	-31.28	308	132	V
			5.925	-79.96	RMS	35.1	11.8	2.52	-16.2	-46.74	-27	-19.74	-	-	308	132	V
			5.786734	-59.81	Pk	34.9	11.8	0	-23	-36.11	-	-	-7	-29.11	302	202	H
			5.798001	-71.54	RMS	34.9	11.8	0.3	-23	-47.53	-27	-20.53	-	-	302	202	H
			5.925	-62.52	Pk	35.2	11.8	0	-23.7	-39.22	-	-	-7	-32.22	302	202	H
			5.925	-73.14	RMS	35.2	11.8	0.3	-23.7	-49.53	-27	-22.53	-	-	302	202	H
			5.801534	-71.54	RMS	34.9	11.8	0.3	-23	-47.53	-27	-20.53	-	-	206	101	V
			5.885801	-58.98	Pk	35.1	11.8	0	-23.3	-35.38	-	-	-7	-28.38	206	101	V
HDT4	6106	6 + 5	5.925	-62.86	Pk	35.2	11.8	0	-23.7	-39.56	-	-	-7	-32.56	206	101	V
			5.925	-73.49	RMS	35.2	11.8	0.3	-23.7	-49.88	-27	-22.88	-	-	206	101	V
			5.877068	-66.63	Pk	35	11.8	0	-16.3	-36.13	-	-	-7	-29.13	342	184	H
			5.924002	-79.05	RMS	35.1	11.8	1.09	-16.2	-47.26	-27	-20.26	-	-	342	184	H
			5.925	-69.13	Pk	35.1	11.8	0	-16.2	-38.43	-	-	-7	-31.43	342	184	H
			5.925	-80.53	RMS	35.1	11.8	1.09	-16.2	-48.74	-27	-21.74	-	-	342	184	H
			5.875601	-79.14	RMS	35	11.8	1.09	-16.3	-47.55	-27	-20.55	-	-	50	170	V
			5.883401	-67.09	Pk	35	11.8	0	-16.4	-36.69	-	-	-7	-29.69	50	170	V
			5.925	-70.44	Pk	35.1	11.8	0	-16.2	-39.74	-	-	-7	-32.74	50	170	V
			5.925	-80.62	RMS	35.1	11.8	1.09	-16.2	-48.83	-27	-21.83	-	-	50	170	V
HDR4	6106	6 + 5	5.862068	-55.07	Pk	35	11.8	0	-29.8	-38.07	-	-	-7	-31.07	63	135	H
			5.896868	-66.85	RMS	35.1	11.8	0.34	-29.7	-49.31	-27	-22.31	-	-	63	135	H
			5.925	-56.97	Pk	35.2	11.8	0	-29.7	-39.67	-	-	-7	-32.67	63	135	H
			5.925	-67.51	RMS	35.2	11.8	0.34	-29.7	-49.87	-27	-22.87	-	-	63	135	H
			5.802068	-54.64	Pk	34.9	11.8	0	-29.8	-37.74	-	-	-7	-30.74	62	105	V
			5.831401	-66.63	RMS	34.9	11.8	0.34	-29.8	-49.39	-27	-22.39	-	-	62	105	V
			5.925	-57.31	Pk	35.2	11.8	0	-29.7	-40.01	-	-	-7	-33.01	62	105	V
			5.925	-68.04	RMS	35.2	11.8	0.34	-29.7	-50.4	-27	-23.4	-	-	62	105	V
			5.887668	-54.83	Pk	35.1	11.8	0	-29.7	-37.63	-	-	-7	-30.63	66	159	H
			5.892135	-66.84	RMS	35.1	11.8	0.29	-29.7	-49.34	-27	-22.34	-	-	66	159	H
XHDPMP8	6107	6 + 5	5.925	-57.68	Pk	35.2	11.8	0	-29.7	-40.38	-	-	-7	-33.38	66	159	H
			5.925	-67.8	RMS	35.2	11.8	0.29	-29.7	-50.2	-27	-23.2	-	-	66	159	H
			5.839134	-66.8	RMS	35	11.8	0.29	-29.8	-49.5	-27	-22.5	-	-	358	161	V
			5.912001	-54.88	Pk	35.1	11.8	0	-29.7	-37.68	-	-	-7	-30.68	358	161	V
			5.925	-57.02	Pk	35.2	11.8	0	-29.7	-39.72	-	-	-7	-32.72	358	161	V
			5.925	-68.21	RMS	35.2	11.8	0.29	-29.7	-50.61	-27	-23.61	-	-	358	161	V
			5.758667	-65.47	Pk	34.6	11.8	0	-17.1	-36.17	-	-	-7	-29.17	288	146	H
			5.918335	-78.89	RMS	35.1	11.8	0.16	-16.3	-48.13	-27	-21.13	-	-	288	146	H
			5.925	-69.97	Pk	35.1	11.8	0	-16.2	-39.27	-	-	-7	-32.27	288	146	H
			5.925	-79.56	RMS	35.1	11.8	0.16	-16.2	-48.7	-27	-21.7	-	-	288	146	H
HDRPL8	6109	6 + 5	5.834468	-66.63	Pk	34.9	11.8	0	-16.7	-36.63	-	-	-7	-29.63	146	171	V
			5.920135	-78.82	RMS	35.1	11.8	0.16	-16.3	-48.06	-27	-21.06	-	-	146	171	V
			5.925	-69.32	Pk	35.1	11.8	0	-16.2	-38.62	-	-	-7	-31.62	146	171	V
			5.925	-79.89	RMS	35.1	11.8	0.16	-16.2	-49.03	-27	-22.03	-	-	146	171	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

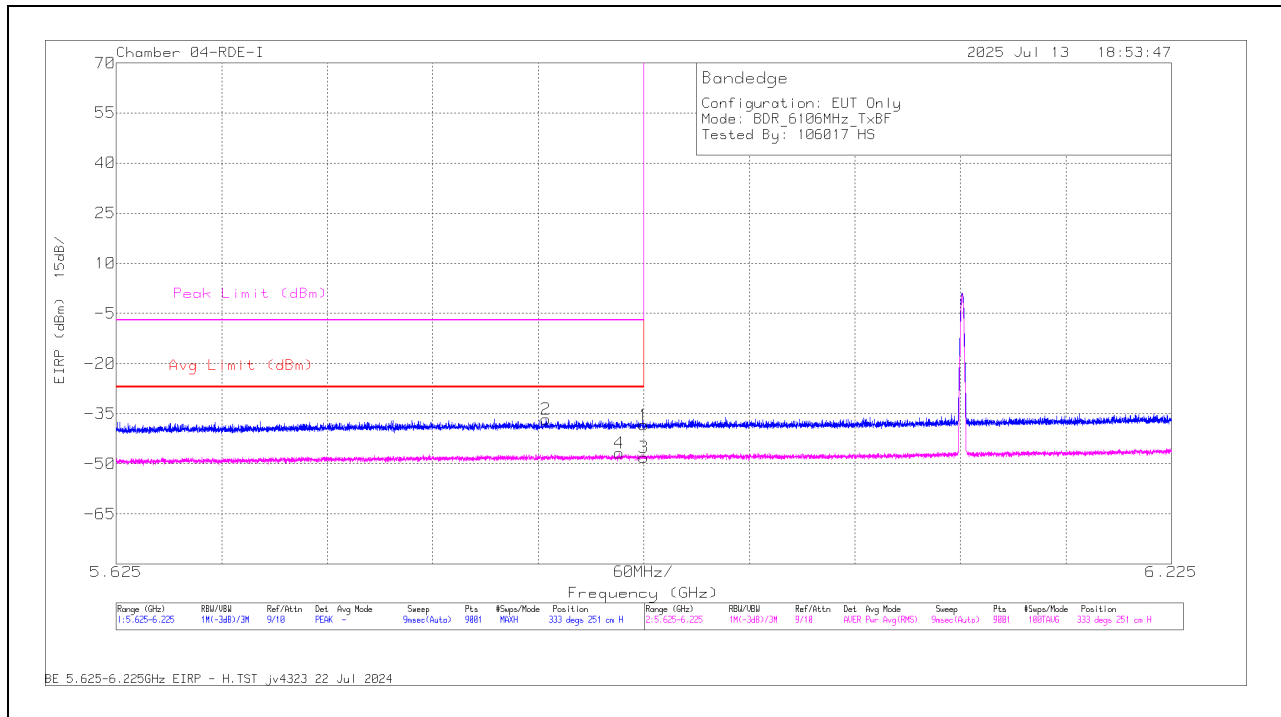
Pk - Peak detector

RMS - RMS detection

2TX Antennas 6 + 5:

BANDEDGE (LOW CHANNEL / 6106MHz)

HORIZONTAL RESULT

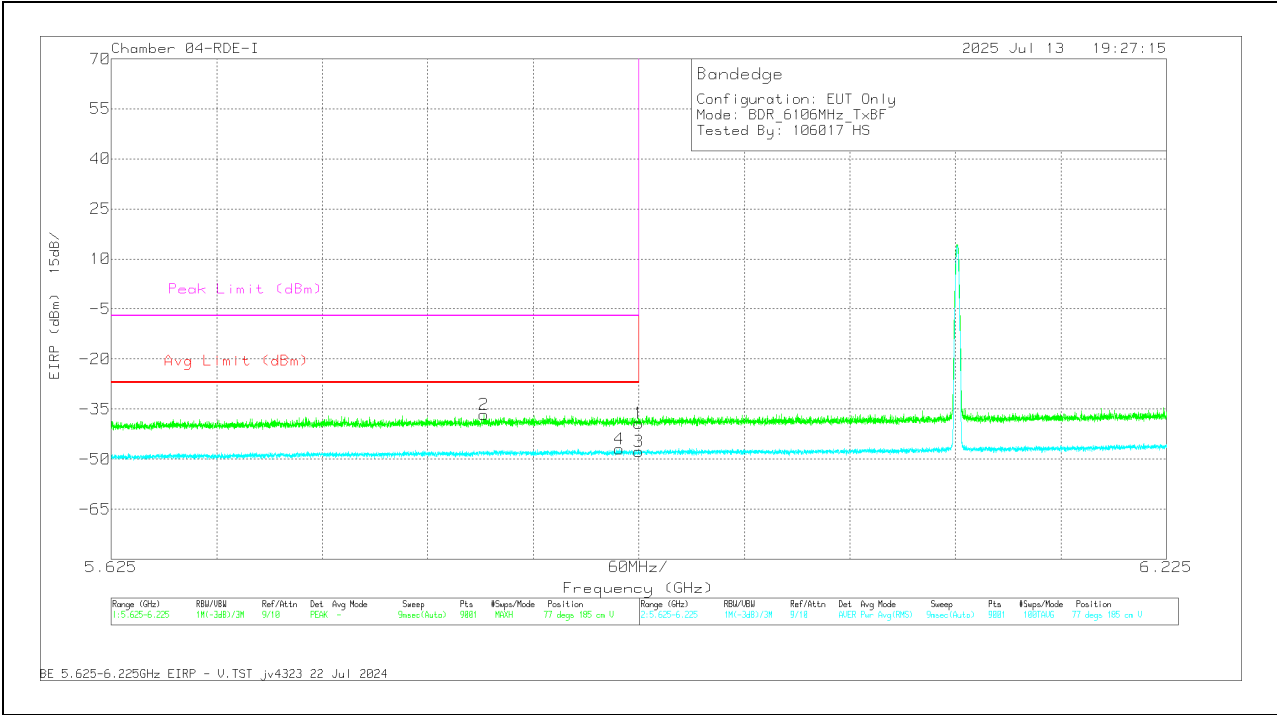


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DCCF (dB)	Corrected Reading EIRP (dBm)	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.869401	-66.96	Pk	34.9	-16.3	11.8	0	-36.56	-	-	-7	-29.56	333	251	H
4	5.910935	-78.71	RMS	35.1	-16.3	11.8	1.16	-46.95	-27	-19.95	-	-	333	251	H
1	5.925	-69.11	Pk	35.1	-16.2	11.8	0	-38.41	-	-	-7	-31.41	333	251	H
3	5.925	-80.15	RMS	35.1	-16.2	11.8	1.16	-48.27	-27	-21.27	-	-	333	251	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222740 ACF (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DCCF (dB)	Corrected Reading EIRP (dBm)	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.836868	-66.88	Pk	34.9	-16.5	11.8	0	-36.68	-	-	-7	-29.68	77	185	V
4	5.913801	-79.01	RMS	35.1	-16.2	11.8	1.16	-47.15	-27	-20.15	-	-	77	185	V
1	5.925	-69.93	Pk	35.1	-16.2	11.8	0	-39.23	-	-	-7	-32.23	77	185	V
3	5.925	-79.79	RMS	35.1	-16.2	11.8	1.16	-47.93	-27	-20.93	-	-	77	185	V

Pk - Peak detector
RMS - RMS detection

11.1.3. UNII-5 BAND MIMO TXBF MODE - SPURIOUS EMISSIONS – HIGH POWER

UNII-5 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	DCCF (dB)	Amp/Cb/ Ftr/Pad (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR	6106	6 + 5	2.020685	62.87	PK-U	31.6	0	-50.97	43.5	-	-	88.2	-44.7	165	310	H
			2.022814	51.05	ADR	31.6	1.16	-50.95	32.86	68.2	-35.34	-	-	165	310	H
			2.024548	51.12	ADR	31.6	1.16	-50.94	32.94	68.2	-35.26	-	-	11	350	V
			2.025673	63.05	PK-U	31.6	0	-50.9	43.75	-	-	88.2	-44.45	11	350	V
			3.054793	47.11	ADR	33	1.16	-48.87	32.4	68.2	-35.8	-	-	4	302	V
			3.055008	58.83	PK-U	33	0	-48.87	42.96	-	-	88.2	-45.24	4	302	V
			3.055533	47	ADR	33	1.16	-48.87	32.29	68.2	-35.91	-	-	351	183	H
			3.056478	58.68	PK-U	33	0	-48.86	42.82	-	-	88.2	-45.38	351	183	H
			12.105558	55.49	PK-U	38.9	0	-44.05	50.34	-	-	74	-23.66	132	371	H
			12.106284	43.97	ADR	38.9	1.16	-44.04	39.99	54	-14.01	-	-	132	371	H
			12.107849	55.83	PK-U	38.9	0	-43.97	50.76	-	-	74	-23.24	360	186	V
			12.103961	43.96	ADR	38.9	1.16	-44.14	39.88	54	-14.12	-	-	360	186	V
	6265	6 + 5	2.078207	50.73	ADR	31.4	1.16	-50.7	32.59	68.2	-35.61	-	-	152	113	V
			2.078732	62.7	PK-U	31.4	0	-50.72	43.38	-	-	88.2	-44.82	152	113	V
			2.084711	50.49	ADR	31.4	1.16	-50.73	32.32	68.2	-35.88	-	-	88	369	H
			2.088264	61.99	PK-U	31.4	0	-50.73	42.66	-	-	88.2	-45.54	88	369	H
			3.136418	59.08	PK-U	33.1	0	-48.54	43.64	-	-	88.2	-44.56	292	159	V
			3.134812	47.13	ADR	33.1	1.16	-48.52	32.87	68.2	-35.33	-	-	292	159	V
			3.136033	47.02	ADR	33.1	1.16	-48.56	32.72	68.2	-35.48	-	-	340	214	H
			3.138991	58.51	PK-U	33.1	0	-48.5	43.11	-	-	88.2	-45.09	340	214	H
			12.529554	55.58	PK-U	39	0	-44.07	50.51	-	-	74	-23.49	229	319	H
			12.530399	43.91	ADR	39	1.16	-44.06	40.01	54	-13.99	-	-	229	319	H
			12.532641	55.66	PK-U	39	0	-44.03	50.63	-	-	74	-23.37	68	206	V
			12.530173	43.94	ADR	39	1.16	-44.06	40.04	54	-13.96	-	-	68	206	V
	6420	6 + 5	* 4.327972	57.45	PK-U	33.8	0	-46.5	44.75	-	-	74	-29.25	251	277	H
			* 4.328192	45.73	ADR	33.8	1.16	-46.48	34.21	54	-19.79	-	-	251	277	H
			* 4.328798	57.71	PK-U	33.8	0	-46.42	45.09	-	-	74	-28.91	337	306	V
			* 4.327319	45.86	ADR	33.8	1.16	-46.5	34.32	54	-19.68	-	-	337	306	V
			* 9.1667	55.73	PK-U	36.2	0	-42.97	48.96	-	-	74	-25.04	111	356	H
			* 9.16911	43.21	ADR	36.2	1.16	-43.21	37.36	54	-16.64	-	-	111	356	H
			* 9.161244	54.33	PK-U	36.1	0	-42.9	47.53	-	-	74	-26.47	170	229	V
			* 9.158905	42.71	ADR	36.1	1.16	-43	36.97	54	-17.03	-	-	170	229	V
			16.697692	39.04	ADR	41.7	1.16	-37.5	44.4	68.2	-23.8	-	-	212	120	V
			16.701354	50.6	PK-U	41.7	0	-37.44	54.86	-	-	88.2	-33.34	212	120	V
			16.72935	39.59	ADR	41.7	1.16	-37.6	44.85	68.2	-23.35	-	-	224	303	H
			16.730579	51.02	PK-U	41.7	0	-37.66	55.06	-	-	88.2	-33.14	224	303	H
LE1M	6106	6 + 5	2.073167	46.87	ADR	31.2	0.72	-48.5	30.29	68.2	-37.91	-	-	360	200	H
			2.073369	58.18	PK-U	31.2	0	-48.5	40.88	-	-	88.2	-47.32	360	200	H
			2.427565	47.31	ADR	32.2	0.72	-48.9	31.33	68.2	-36.87	-	-	360	200	H
			2.428097	59.47	PK-U	32.2	0	-48.9	42.77	-	-	88.2	-45.43	360	200	H
			2.932232	56.7	PK-U	32.1	0	-47.16	41.64	-	-	88.2	-46.56	360	101	V
			2.93274	45.38	ADR	32.1	0.72	-47.15	31.05	68.2	-37.15	-	-	360	101	V
			10.392651	45	ADR	37.6	0.72	-44.48	38.84	68.2	-29.36	-	-	360	200	H
			10.395641	56.28	PK-U	37.6	0	-44.53	49.35	-	-	88.2	-38.85	360	200	H
			* 11.902357	54.98	PK-U	38.7	0	-41.64	52.04	-	-	74	-21.96	360	200	V
			* 11.904426	43.25	ADR	38.7	0.72	-41.58	41.09	54	-12.91	-	-	360	200	V
			* 12.619096	56.39	PK-U	39.1	0	-43.52	51.97	-	-	74	-22.03	360	101	V
			* 12.619615	44.77	ADR	39.1	0.72	-43.53	41.06	54	-12.94	-	-	360	101	V
	6265	6 + 5	3.131956	56.61	PK-U	33.1	0	-46	43.71	-	-	88.2	-44.49	289	184	H
			3.132651	44.25	ADR	33.1	0.72	-46	32.07	68.2	-36.13	-	-	289	184	H
			2.086358	57.96	PK-U	31.9	0	-46.64	43.22	-	-	88.2	-44.98	336	195	H
			2.087132	46.46	ADR	31.9	0.72	-46.69	32.39	68.2	-35.81	-	-	336	195	H
			3.131457	56.39	PK-U	33.1	0	-45.95	43.54	-	-	88.2	-44.66	87	180	V
			3.132311	44.19	ADR	33.1	0.72	-46	32.01	68.2	-36.19	-	-	87	180	V
			2.088379	58.4	PK-U	31.9	0	-46.6	43.7	-	-	88.2	-44.5	235	131	V
			2.085918	46.32	ADR	31.9	0.72	-46.59	32.35	68.2	-35.85	-	-	235	131	V
			* 12.532474	53.02	PK-U	38.7	0	-41.1	50.62	-	-	74	-23.38	238	304	H
			* 12.531088	41.06	ADR	38.7	0.72	-41.1	39.38	54	-14.62	-	-	238	304	H
			* 12.533078	52.59	PK-U	38.6	0	-41.1	50.09	-	-	74	-23.91	288	234	V
			* 12.530804	41	ADR	38.7	0.72	-41.1	39.32	54	-14.68	-	-	288	234	V
	6420	6 + 5	3.213613	55.96	PK-U	32.9	0	-45.4	43.46	-	-	88.2	-44.74	358	170	H
			3.212964	43.85	ADR	33	0.72	-45.4	32.17	68.2	-36.03	-	-	358	170	H
			2.140093	58.4	PK-U	31.8	0	-46.4	43.8	-	-	88.2	-44.4	326	134	H
			2.141809	46.35	ADR	31.8	0.72	-46.4	32.47	68.2	-35.73	-	-	326	134	H
			3.209309	56.17	PK-U	33	0	-45.4	43.77	-	-	88.2	-44.43	42	193	V
			3.21055	43.98	ADR	33	0.72	-45.34	32.36	68.2	-35.84	-	-	42	193	V
			2.141207	58.2	PK-U	31.8	0	-46.4	43.6	-	-	88.2	-44.6	58	356	V
			2.143264	46.38	ADR	31.8	0.72	-46.43	32.47	68.2	-35.73	-	-	58	356	V
			12.840668	52.28	PK-U	38.9	0	-41.1	50.08	-	-	88.2	-38.12	73	236	H
			12.839571	40.57	ADR	38.9	0.72	-41.1	39.09	68.2	-29.11	-	-	73	236	H
			12.838412	51.79	PK-U	38.9	0	-41.1	49.59	-	-	88.2	-38.61	108	192	V
			12.839031	40.53	ADR	38.9	0.72	-41.1	39.05	68.2	-29.15	-	-	108	192	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

UNII-5 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	DCCF (dB)	Amp/Cb/F lrr/Pad (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LE2M	6106	6 + 5	3.052777	56.82	PK-U	32.9	0	-46.4	43.32	-	-	88.2	-44.88	24	132	H
			3.05398	44.58	ADR	32.9	2.52	-46.4	33.6	68.2	-34.6	-	-	24	132	H
			2.034926	57.92	PK-U	31.7	0	-46.31	43.31	-	-	88.2	-44.89	37	233	H
			2.034734	46.16	ADR	31.7	2.52	-46.35	34.03	68.2	-34.17	-	-	37	233	H
			3.052262	57.04	PK-U	32.9	0	-46.4	43.54	-	-	88.2	-44.66	232	331	V
			3.054079	44.63	ADR	32.9	2.52	-46.4	33.65	68.2	-34.55	-	-	232	331	V
			2.032805	58.02	PK-U	31.7	0	-46.4	43.32	-	-	88.2	-44.88	338	120	V
			2.032671	46.22	ADR	31.7	2.52	-46.4	34.04	68.2	-34.16	-	-	338	120	V
			* 12.20888	53.25	PK-U	38.7	0	-41.41	50.54	-	-	74	-23.46	160	270	H
			* 12.208479	41.37	ADR	38.7	2.52	-41.45	41.14	54	-12.86	-	-	160	270	H
			* 12.212151	52.99	PK-U	38.7	0	-41.58	50.11	-	-	74	-23.89	234	155	V
			* 12.211286	41.18	ADR	38.7	2.52	-41.53	40.87	54	-13.13	-	-	234	155	V
			3.132771	56.25	PK-U	33.1	0	-46	43.35	-	-	88.2	-44.85	124	259	H
			3.131249	44.57	ADR	33.1	2.52	-45.92	34.27	68.2	-33.93	-	-	124	259	H
			2.08659	58.68	PK-U	31.9	0	-46.66	43.92	-	-	88.2	-44.28	148	344	H
			2.0864	46.58	ADR	31.9	2.52	-46.64	34.36	68.2	-33.84	-	-	148	344	H
			3.128267	56.1	PK-U	33.1	0	-45.9	43.3	-	-	88.2	-44.9	334	271	V
	6265	6 + 5	3.129559	44.54	ADR	33.1	2.52	-45.96	34.2	68.2	-34	-	-	334	271	V
			2.087629	58.07	PK-U	31.9	0	-46.64	43.33	-	-	88.2	-44.87	350	371	V
			2.086819	46.49	ADR	31.9	2.52	-46.68	34.23	68.2	-33.97	-	-	350	371	V
			* 12.531197	53.31	PK-U	38.7	0	-41.1	50.91	-	-	74	-23.09	181	331	H
			* 12.531991	41.22	ADR	38.7	2.52	-41.1	41.34	54	-12.66	-	-	181	331	H
			* 12.529732	53.02	PK-U	38.7	0	-41.1	50.62	-	-	74	-23.38	71	223	V
			* 12.531679	41.01	ADR	38.7	2.52	-41.1	41.13	54	-12.87	-	-	71	223	V
			3.21	56.08	PK-U	33	0	-45.4	43.68	-	-	88.2	-44.52	316	221	H
			3.208759	44.24	ADR	33	2.52	-45.38	34.38	68.2	-33.82	-	-	316	221	H
			2.141031	58.29	PK-U	31.8	0	-46.4	43.69	-	-	88.2	-44.51	88	298	H
			2.142523	46.58	ADR	31.8	2.52	-46.4	34.5	68.2	-33.7	-	-	88	298	H
			3.207759	55.93	PK-U	33	0	-45.32	43.61	-	-	88.2	-44.59	150	103	V
			3.209285	44.17	ADR	33	2.52	-45.4	34.29	68.2	-33.91	-	-	150	103	V
			2.137299	58.49	PK-U	31.8	0	-46.57	43.72	-	-	88.2	-44.48	174	249	V
			2.137391	46.58	ADR	31.8	2.52	-46.56	34.34	68.2	-33.86	-	-	174	249	V
			12.839881	52.42	PK-U	38.9	0	-41.1	50.22	-	-	88.2	-37.98	32	115	H
			12.838939	40.62	ADR	38.9	2.52	-41.1	40.94	68.2	-27.26	-	-	32	115	H
			12.838652	52.51	PK-U	38.9	0	-41.1	50.31	-	-	88.2	-37.89	131	205	V
			12.838995	40.76	ADR	38.9	2.52	-41.1	41.08	68.2	-27.12	-	-	131	205	V
HDT4	6106	6 + 5	* 1.371732	58.06	PK-U	28.4	0	-46	40.46	-	-	74	-33.54	63	247	H
			* 1.371737	46.46	ADR	28.4	0.3	-46	29.17	54	-24.83	-	-	63	247	H
			* 1.370492	58.62	PK-U	28.4	0	-46	41.02	-	-	74	-32.98	114	251	V
			* 1.370194	46.36	ADR	28.4	0.3	-46	29.07	54	-24.93	-	-	114	251	V
			* 3.925444	51.04	PK-U	33.5	0	-41.4	43.14	-	-	74	-30.86	55	147	H
			* 3.924507	39.82	ADR	33.5	0.3	-41.4	32.23	54	-21.77	-	-	55	147	H
			* 3.929175	51.48	PK-U	33.5	0	-41.4	43.58	-	-	74	-30.42	216	240	V
			* 3.929566	39.84	ADR	33.5	0.3	-41.4	32.25	54	-21.75	-	-	216	240	V
			* 12.560853	47.35	PK-U	38.9	0	-34.2	52.05	-	-	74	-21.95	272	207	H
			* 12.560863	35.36	ADR	38.9	0.3	-34.2	40.37	54	-13.63	-	-	272	207	H
			* 12.552109	46.35	PK-U	38.9	0	-34.3	50.95	-	-	74	-23.05	80	238	V
			* 12.552646	35.07	ADR	38.9	0.3	-34.3	39.98	54	-14.02	-	-	80	238	V
			1.943376	44.96	ADR	31	0.3	-45.2	31.07	68.2	-37.13	-	-	171	250	H
			1.943384	56.44	PK-U	31	0	-45.2	42.24	-	-	88.2	-45.96	171	250	H
			1.940213	56.31	PK-U	31	0	-45.2	42.11	-	-	88.2	-46.09	291	181	V
			1.940222	44.81	ADR	31	0.3	-45.2	30.92	68.2	-37.28	-	-	291	181	V
			* 3.788448	52.09	PK-U	33.5	0	-41.7	43.89	-	-	74	-30.11	174	291	H
			* 3.788449	40.36	ADR	33.5	0.3	-41.7	32.47	54	-21.53	-	-	174	291	H
			* 3.789834	51.77	PK-U	33.5	0	-41.7	43.57	-	-	74	-30.43	197	115	V
			* 3.789769	40.26	ADR	33.5	0.3	-41.7	32.37	54	-21.63	-	-	197	115	V
	6265	6 + 5	* 12.511435	46.37	PK-U	38.9	0	-34.5	50.77	-	-	74	-23.23	190	107	H
			* 12.511443	35.05	ADR	38.9	0.3	-34.5	39.76	54	-14.24	-	-	190	107	H
			* 12.524041	46.69	PK-U	38.9	0	-34.5	51.09	-	-	74	-22.91	256	228	V
			* 12.524725	35.02	ADR	38.9	0.3	-34.4	39.83	54	-14.17	-	-	256	228	V
			2.515044	54.77	PK-U	32.6	0	-44	43.37	-	-	88.2	-44.83	341	205	H
			2.515047	43.08	ADR	32.6	0.3	-44	31.99	68.2	-36.21	-	-	341	205	H
			2.518678	43.03	ADR	32.6	0.3	-44	31.94	68.2	-36.26	-	-	273	196	V
			2.51868	55.49	PK-U	32.6	0	-44	44.09	-	-	88.2	-44.11	273	196	V
			* 11.134271	49.83	PK-U	37.9	0	-35.8	51.93	-	-	74	-22.07	154	391	H
			* 11.134265	37.72	ADR	37.9	0.3	-35.8	40.13	54	-13.87	-	-	154	391	H
			* 11.157056	48.76	PK-U	37.9	0	-35.7	50.96	-	-	74	-23.04	215	315	V
			* 11.157054	37.47	ADR	37.9	0.3	-35.7	39.98	54	-14.02	-	-	215	315	V
			* 15.827905	47.05	PK-U	40.5	0	-33.5	54.05	-	-	74	-19.95	356	200	H
			* 15.827902	35.87	ADR	40.5	0.3	-33.5	43.18	54	-10.82	-	-	356	200	H
			13.964822	47.92	PK-U	38.9	0	-35.3	51.52	-	-	88.2	-36.68	17	180	V
			13.96685	35.82	ADR	38.9	0.3	-35.3	39.73	68.2	-28.47	-	-	17	180	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

UNI-5 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	DCCF (dB)	Amp/Cb/ Fitr/Pad (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
HDR4	6106	6 + 5	1.896107	56.26	PK-U	30.8	0	-46.1	40.96	-	-	88.2	-47.24	35	129	H
			1.897034	44.69	ADR	30.8	1.09	-46.1	30.48	68.2	-37.72	-	-	35	129	H
			2.143099	58.37	PK-U	31.8	0	-46.41	43.76	-	-	88.2	-44.44	185	314	V
			2.141691	46.29	ADR	31.8	1.09	-46.4	32.78	68.2	-35.42	-	-	185	314	V
			10.5604	53.64	PK-U	38	0	-41.56	50.08	-	-	88.2	-38.12	144	399	H
			10.560204	41.93	ADR	38	1.09	-41.58	39.44	68.2	-28.76	-	-	144	399	H
			* 12.381152	52.6	PK-U	38.6	0	-40.38	50.82	-	-	74	-23.18	317	342	H
			* 12.378124	40.51	ADR	38.6	1.09	-40.3	39.9	54	-14.1	-	-	317	342	H
			* 12.176886	52.83	PK-U	38.7	0	-41.2	50.33	-	-	74	-23.67	212	277	V
			* 12.176128	41.37	ADR	38.7	1.09	-41.2	39.96	54	-14.04	-	-	212	277	V
			15.077207	54.91	PK-U	40	0	-42.32	52.59	-	-	88.2	-35.61	308	299	V
			15.073979	43	ADR	40	1.09	-42.3	41.79	68.2	-26.41	-	-	308	299	V
	6265	6 + 5	2.578805	57.37	PK-U	32.4	0	-46.88	42.89	-	-	88.2	-45.31	307	155	H
			2.578596	46.09	ADR	32.4	1.09	-46.86	32.72	68.2	-35.48	-	-	307	155	H
			1.85194	58.36	PK-U	30.5	0	-46.2	42.66	-	-	88.2	-45.54	322	362	V
			1.855403	46.56	ADR	30.5	1.09	-46.2	31.95	68.2	-36.25	-	-	322	362	V
			* 12.440325	52.57	PK-U	38.6	0	-40.53	50.64	-	-	74	-23.36	12	353	H
			* 12.440058	40.63	ADR	38.6	1.09	-40.51	39.81	54	-14.19	-	-	12	353	H
			13.547553	55.08	PK-U	39	0	-42.04	52.04	-	-	88.2	-36.16	58	352	H
			13.545691	42.21	ADR	39	1.09	-42	40.3	68.2	-27.9	-	-	58	352	H
			* 10.984723	53.82	PK-U	37.9	0	-41.7	50.02	-	-	74	-23.98	216	231	V
			* 10.987133	42.28	ADR	37.9	1.09	-41.8	39.47	54	-14.53	-	-	216	231	V
			* 15.50387	55.24	PK-U	40.5	0	-42.19	53.55	-	-	74	-20.45	319	156	V
			* 15.502048	43.52	ADR	40.5	1.09	-42.1	43.01	54	-10.99	-	-	319	156	V
			2.130677	61.59	PK-U	31.6	0	-48.7	44.49	-	-	88.2	-43.71	343	201	V
			2.132026	49.92	ADR	31.6	1.09	-48.7	33.91	68.2	-34.29	-	-	343	201	V
	6420	6 + 5	2.132293	49.96	ADR	31.6	1.09	-48.73	33.92	68.2	-34.28	-	-	356	320	H
			2.132445	61.75	PK-U	31.6	0	-48.74	44.61	-	-	88.2	-43.59	356	320	H
			3.311059	45.99	ADR	32.8	1.09	-46.69	33.19	68.2	-35.01	-	-	147	110	V
			3.313443	57.6	PK-U	32.8	0	-46.6	43.8	-	-	88.2	-44.4	147	110	V
			3.313622	45.93	ADR	32.8	1.09	-46.6	33.22	68.2	-34.98	-	-	186	375	H
			3.314466	57.31	PK-U	32.8	0	-46.6	43.51	-	-	88.2	-44.69	186	375	H
			* 10.828451	54.55	PK-U	37.9	0	-42.9	49.55	-	-	74	-24.45	66	178	H
			* 10.827538	42.61	ADR	37.9	1.09	-42.85	38.75	54	-15.25	-	-	66	178	H
			* 10.824772	54.73	PK-U	37.9	0	-42.9	49.73	-	-	74	-24.27	168	192	V
			* 10.821429	42.66	ADR	37.9	1.09	-42.9	38.75	54	-15.25	-	-	168	192	V
	6107	6 + 5	* 12.145718	55.1	PK-U	38.9	0	-43.82	50.18	-	-	74	-23.82	254	243	H
			* 12.144953	43.68	ADR	38.9	0.34	-43.8	39.12	54	-14.88	-	-	254	243	H
			* 17.891683	55.89	PK-U	41.4	0	-42.82	54.47	-	-	74	-19.53	340	235	H
			* 17.893974	43.83	ADR	41.4	0.34	-42.93	42.64	54	-11.36	-	-	340	235	H
			* 12.146563	55.52	PK-U	38.9	0	-43.84	50.58	-	-	74	-23.42	293	342	V
			* 12.146787	44.02	ADR	38.9	0.34	-43.85	39.41	54	-14.59	-	-	293	342	V
			* 17.896475	55.43	PK-U	41.4	0	-42.86	53.97	-	-	74	-20.03	233	342	V
			* 17.895741	43.75	ADR	41.4	0.34	-42.91	42.58	54	-11.42	-	-	233	342	V
			3.073166	47.36	ADR	33	0.34	-48.85	31.85	68.2	-36.35	-	-	47	393	V
			3.074036	59.1	PK-U	33	0	-48.86	43.24	-	-	88.2	-44.96	47	393	V
			3.078203	47.25	ADR	33	0.34	-48.81	31.78	68.2	-36.42	-	-	148	279	H
			3.080512	58.73	PK-U	33	0	-48.82	42.91	-	-	88.2	-45.29	148	279	H
	6265	6 + 5	* 8.228011	55.95	PK-U	35.8	0	-43.44	48.31	-	-	74	-25.69	360	101	H
			* 8.229775	44.19	ADR	35.8	0.34	-43.45	36.88	54	-17.12	-	-	360	101	H
			* 17.718401	59.39	PK-U	41.6	0	-43.08	57.91	-	-	74	-16.09	360	101	H
			* 17.71879	47.24	ADR	41.6	0.34	-43.08	46.1	54	-7.9	-	-	360	101	H
			* 8.229096	55.56	PK-U	35.8	0	-43.43	47.93	-	-	74	-26.07	360	101	V
			* 8.227566	44.14	ADR	35.8	0.34	-43.42	36.86	54	-17.14	-	-	360	101	V
			* 17.721317	58.96	PK-U	41.6	0	-43	57.56	-	-	74	-16.44	360	101	V
			* 17.722856	47.3	ADR	41.6	0.34	-42.98	46.26	54	-7.74	-	-	360	101	V
			2.518429	58.27	PK-U	32.3	0	-48.29	42.28	-	-	88.2	-45.92	360	200	V
			2.518572	46.22	ADR	32.3	0.34	-48.29	30.57	68.2	-37.63	-	-	360	200	V
			2.520282	46.34	ADR	32.3	0.34	-48.3	30.68	68.2	-37.52	-	-	360	101	H
			2.521531	58.31	PK-U	32.3	0	-48.3	42.31	-	-	88.2	-45.89	360	101	H
	6420	6 + 5	* 17.722645	58.9	PK-U	41.6	0	-42.98	57.52	-	-	74	-16.48	360	199	H
			* 17.725283	47.4	ADR	41.6	0.34	-42.9	46.44	54	-7.56	-	-	360	199	H
			* 8.277582	55.5	PK-U	35.9	0	-43.54	47.86	-	-	74	-26.14	360	101	V
			* 8.277014	44.13	ADR	35.9	0.34	-43.53	36.84	54	-17.16	-	-	360	101	V
			* 17.71572	59.68	PK-U	41.6	0	-43.2	58.08	-	-	74	-15.92	360	101	V
			* 17.716206	47.33	ADR	41.6	0.34	-43.19	46.08	54	-7.92	-	-	360	101	V
			2.190365	59.11	PK-U	31.3	0	-48.83	41.58	-	-	88.2	-46.62	360	101	V
			2.192524	47.18	ADR	31.3	0.34	-48.83	29.99	68.2	-38.21	-	-	360	101	V
			2.576264	57.89	PK-U	32.4	0	-48.31	41.98	-	-	88.2	-46.22	360	101	H
			2.577495	46.25	ADR	32.4	0.34	-48.32	30.67	68.2	-37.53	-	-	360	101	H
			8.634887	44.2	ADR	36	0.34	-43.54	37	68.2	-31.2	-	-	360	101	H
			8.635159	55.71	PK-U	36	0	-43.54	48.17	-	-	88.2	-40.03	360	101	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

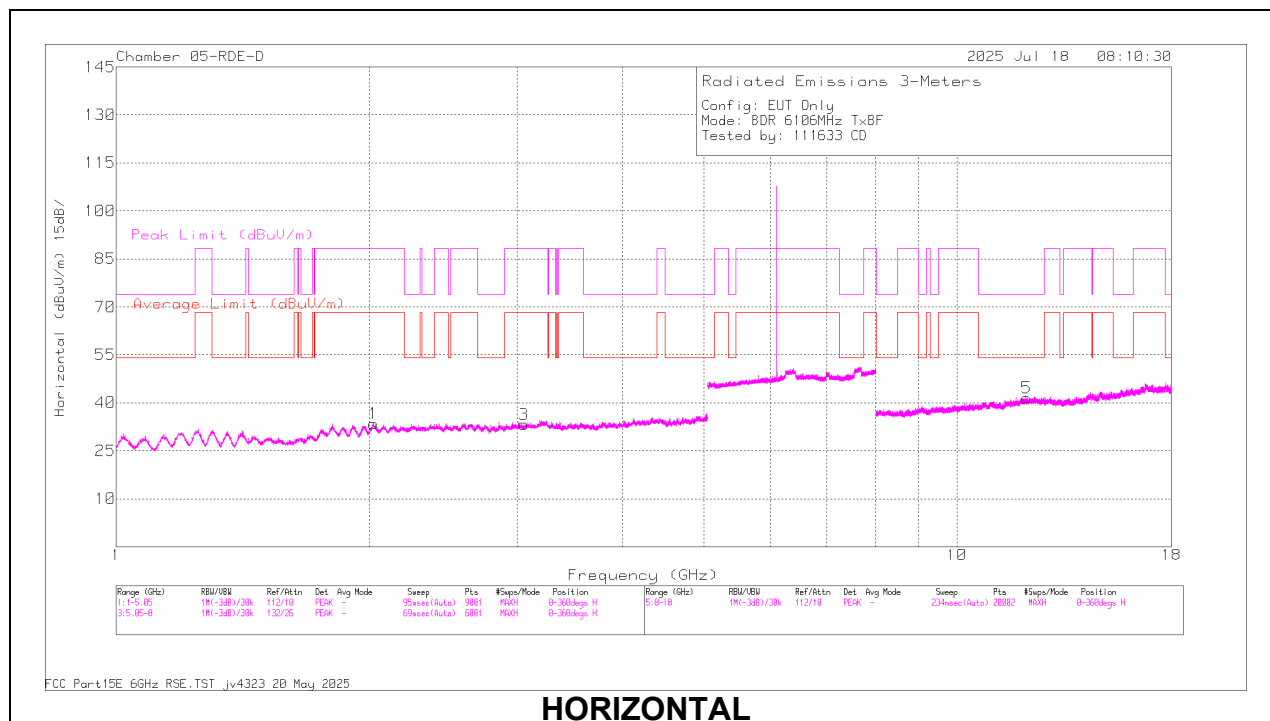
UNI-5 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cb/F ltr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
HDRPM12	6107	6 + 5	1.783357	57.21	PK-U	29.9	-45.8	0	41.31	-	-	88.2	-46.89	247	389	H
			1.783357	45.77	ADR	29.9	-45.8	0.29	30.17	68.2	-38.03	-	-	247	389	H
			1.784724	57.19	PK-U	30	-45.8	0	41.39	-	-	88.2	-46.81	295	115	V
			1.784725	45.8	ADR	30	-45.8	0.29	30.3	68.2	-37.9	-	-	295	115	V
			*11.154269	49.03	PK-U	37.9	-35.7	0	51.23	-	-	74	-22.77	258	158	H
			*11.154277	37.15	ADR	37.9	-35.7	0.29	39.65	54	-14.35	-	-	258	158	H
			*11.145937	49.03	PK-U	37.9	-35.7	0	51.23	-	-	74	-22.77	266	258	V
			*11.145929	37.67	ADR	37.9	-35.7	0.29	40.17	54	-13.83	-	-	266	258	V
			*15.782348	47.85	PK-U	40.4	-33.7	0	54.55	-	-	74	-19.45	19	277	H
			*15.782344	35.93	ADR	40.4	-33.7	0.29	42.93	54	-11.07	-	-	19	277	H
			*15.754584	47.68	PK-U	40.4	-33.6	0	54.48	-	-	74	-19.52	83	253	V
			*15.754578	35.61	ADR	40.4	-33.6	0.29	42.71	54	-11.29	-	-	83	253	V
	6265	6 + 5	1.943512	45.07	ADR	31	-45.2	0.29	31.17	68.2	-37.03	-	-	9	391	H
			1.944443	56.68	PK-U	31	-45.2	0	42.48	-	-	88.2	-45.72	9	391	H
			1.943385	44.85	ADR	31	-45.2	0.29	30.95	68.2	-37.25	-	-	89	212	V
			1.943386	56.49	PK-U	31	-45.2	0	42.29	-	-	88.2	-45.91	89	212	V
			*12.318653	46.12	PK-U	38.8	-34.7	0	50.22	-	-	74	-23.78	307	245	H
			*12.318653	34.38	ADR	38.8	-34.7	0.29	38.78	54	-15.22	-	-	307	245	H
			*12.315872	46.76	PK-U	38.8	-34.8	0	50.76	-	-	74	-23.24	63	251	V
			*12.315871	34.46	ADR	38.8	-34.8	0.29	38.76	54	-15.24	-	-	63	251	V
			*15.770687	48.32	PK-U	40.4	-33.7	0	55.02	-	-	74	-18.98	88	209	H
			*15.770685	35.66	ADR	40.4	-33.7	0.29	42.66	54	-11.34	-	-	88	209	H
			*15.772906	47.29	PK-U	40.4	-33.7	0	53.99	-	-	74	-20.01	67	238	V
			*15.772905	35.89	ADR	40.4	-33.7	0.29	42.89	54	-11.11	-	-	67	238	V
	6420	6 + 5	*1.366289	57.82	PK-U	28.4	-46	0	40.22	-	-	74	-33.78	71	171	H
			*1.366295	46.07	ADR	28.4	-46	0.29	28.77	54	-25.23	-	-	71	171	H
			*1.368107	57.36	PK-U	28.4	-46	0	39.76	-	-	74	-34.24	331	168	V
			*1.368113	46.06	ADR	28.4	-46	0.29	28.76	54	-25.24	-	-	331	168	V
			*3.886821	51.52	PK-U	33.6	-41.4	0	43.72	-	-	74	-30.28	24	272	H
			*3.886817	39.67	ADR	33.6	-41.4	0.29	32.17	54	-21.83	-	-	24	272	H
			*3.885459	51.13	PK-U	33.6	-41.4	0	43.33	-	-	74	-30.67	218	321	V
			*3.885462	39.62	ADR	33.6	-41.4	0.29	32.12	54	-21.88	-	-	218	321	V
			*12.079775	47.32	PK-U	38.8	-34.2	0	51.92	-	-	74	-22.08	115	395	H
			*12.079773	35.34	ADR	38.8	-34.2	0.29	40.24	54	-13.76	-	-	115	395	H
			*12.063666	47.23	PK-U	38.8	-34.3	0	51.73	-	-	74	-22.27	248	395	V
			*12.063668	35.52	ADR	38.8	-34.3	0.29	40.32	54	-13.68	-	-	248	395	V
HDRPL8	6109	6 + 5	2.037604	62.21	PK-U	31.5	-50.84	0	42.87	-	-	88.2	-45.33	154	123	V
			2.034326	50.74	ADR	31.5	-50.85	0.16	31.55	68.2	-36.65	-	-	154	123	V
			2.035971	62.58	PK-U	31.5	-50.84	0	43.24	-	-	88.2	-44.96	166	251	H
			2.034714	50.84	ADR	31.5	-50.85	0.16	31.65	68.2	-36.55	-	-	166	251	H
			3.051351	58.36	PK-U	33	-48.83	0	42.53	-	-	88.2	-45.67	324	213	V
			3.050921	47.08	ADR	33	-48.83	0.16	31.41	68.2	-36.79	-	-	324	213	V
			3.053671	58.93	PK-U	33	-48.86	0	43.07	-	-	88.2	-45.13	214	216	H
			3.052522	46.89	ADR	33	-48.83	0.16	31.22	68.2	-36.98	-	-	214	216	H
			12.211873	56.42	PK-U	38.9	-43.98	0	51.34	-	-	74	-22.66	224	277	V
			12.210353	44.76	ADR	38.9	-43.94	0.16	39.88	54	-14.12	-	-	224	277	V
			12.212872	56.39	PK-U	38.9	-43.96	0	51.33	-	-	74	-22.67	292	349	H
			12.210071	44.84	ADR	38.9	-43.93	0.16	39.97	54	-14.03	-	-	292	349	H
	6265	6 + 5	2.077332	50.78	ADR	31.4	-50.7	0.16	31.64	68.2	-36.56	-	-	188	399	H
			2.078539	62.29	PK-U	31.4	-50.71	0	42.98	-	-	88.2	-45.22	188	399	H
			2.082064	50.74	ADR	31.4	-50.74	0.16	31.56	68.2	-36.64	-	-	224	364	V
			2.08367	62.43	PK-U	31.4	-50.72	0	43.11	-	-	88.2	-45.09	224	364	V
			3.124357	46.9	ADR	33.1	-48.59	0.16	31.57	68.2	-36.63	-	-	266	322	H
			3.12516	58.86	PK-U	33.1	-48.58	0	43.38	-	-	88.2	-44.82	266	322	H
			3.125977	47.13	ADR	33.1	-48.56	0.16	31.83	68.2	-36.37	-	-	42	167	V
			3.126365	59.06	PK-U	33.1	-48.57	0	43.59	-	-	88.2	-44.61	42	167	V
			12.528389	43.92	ADR	39	-44.11	0.16	38.97	54	-15.03	-	-	141	217	H
			12.530487	55.81	PK-U	39	-44.06	0	50.75	-	-	74	-23.25	141	217	H
			12.532953	55.94	PK-U	39	-44.03	0	50.91	-	-	74	-23.09	325	253	V
			12.533031	43.89	ADR	39	-44.03	0.16	39.02	54	-14.98	-	-	325	253	V
	6417	6 + 5	2.13809	61.61	PK-U	31.6	-50.56	0	42.65	-	-	88.2	-45.55	43	142	H
			2.136853	50.43	ADR	31.6	-50.52	0.16	31.67	68.2	-36.53	-	-	43	142	H
			2.138741	61.79	PK-U	31.6	-50.57	0	42.82	-	-	88.2	-45.38	159	326	V
			2.137651	50.53	ADR	31.6	-50.55	0.16	31.74	68.2	-36.46	-	-	159	326	V
			3.203774	59.03	PK-U	33.3	-48.47	0	43.86	-	-	88.2	-44.34	287	183	H
			3.206879	47.54	ADR	33.3	-48.42	0.16	32.58	68.2	-35.62	-	-	287	183	H
			3.205927	58.79	PK-U	33.3	-48.46	0	43.63	-	-	88.2	-44.57	287	267	V
			3.205303	47.65	ADR	33.3	-48.45	0.16	32.66	68.2	-35.54	-	-	287	267	V
			12.833196	55.94	PK-U	39.3	-44.32	0	50.92	-	-	88.2	-37.28	169	354	H
			12.831926	43.86	ADR	39.3	-44.37	0.16	38.95	68.2	-29.25	-	-	169	354	H
			12.834496	55.49	PK-U	39.3	-44.32	0	50.47	-	-	88.2	-37.73	346	277	V
			12.833941	43.79	ADR	39.3	-44.33	0.16	38.92	68.2	-29.28	-	-	346	277	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

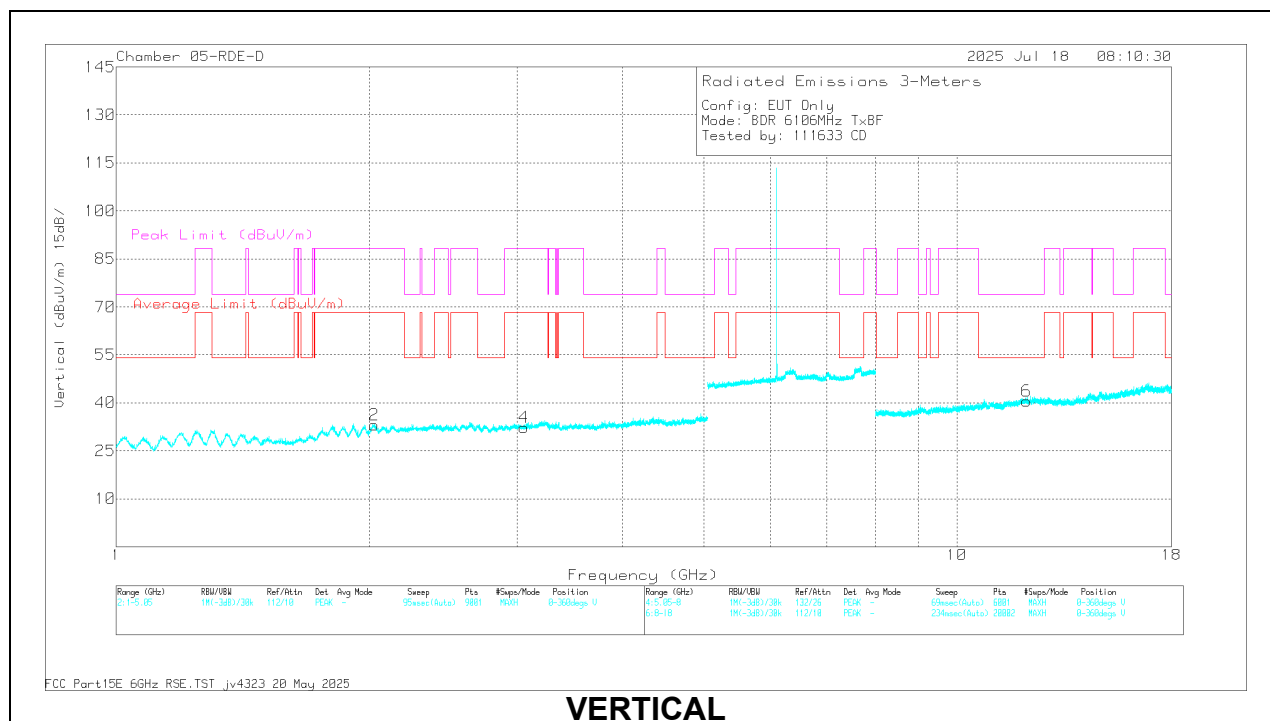
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL / 6106MHz)



HORIZONTAL



VERTICAL

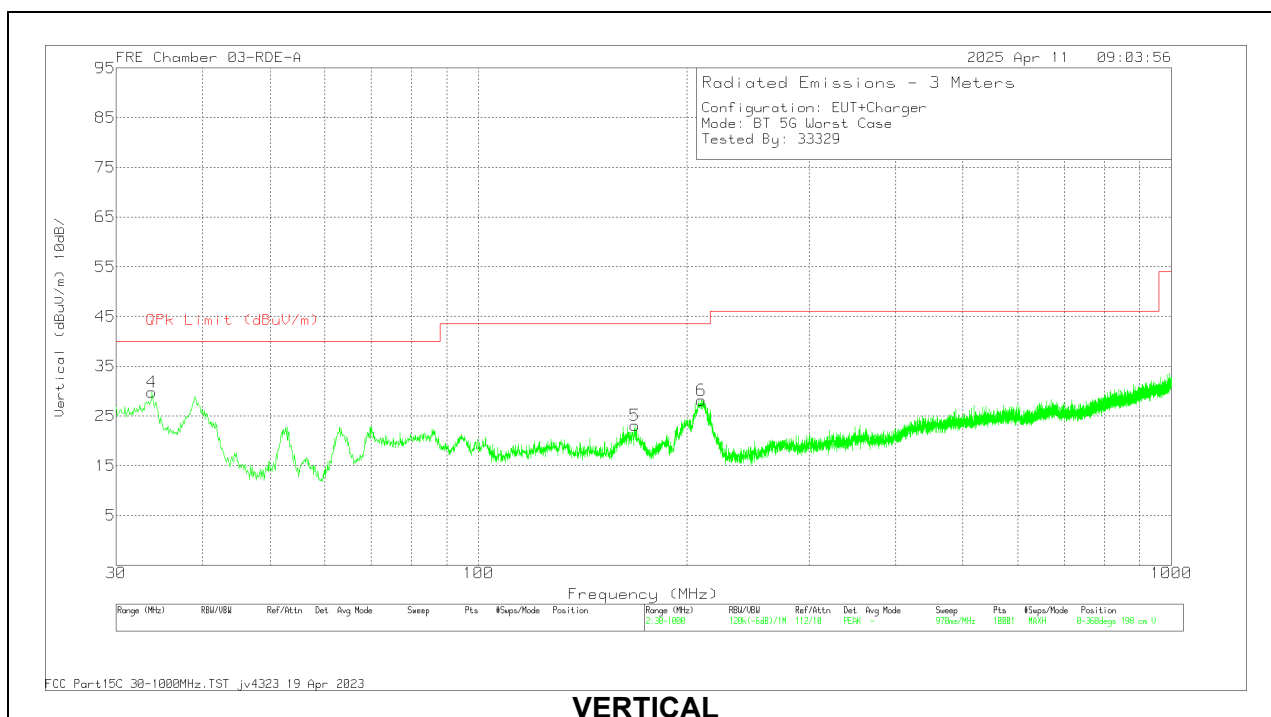
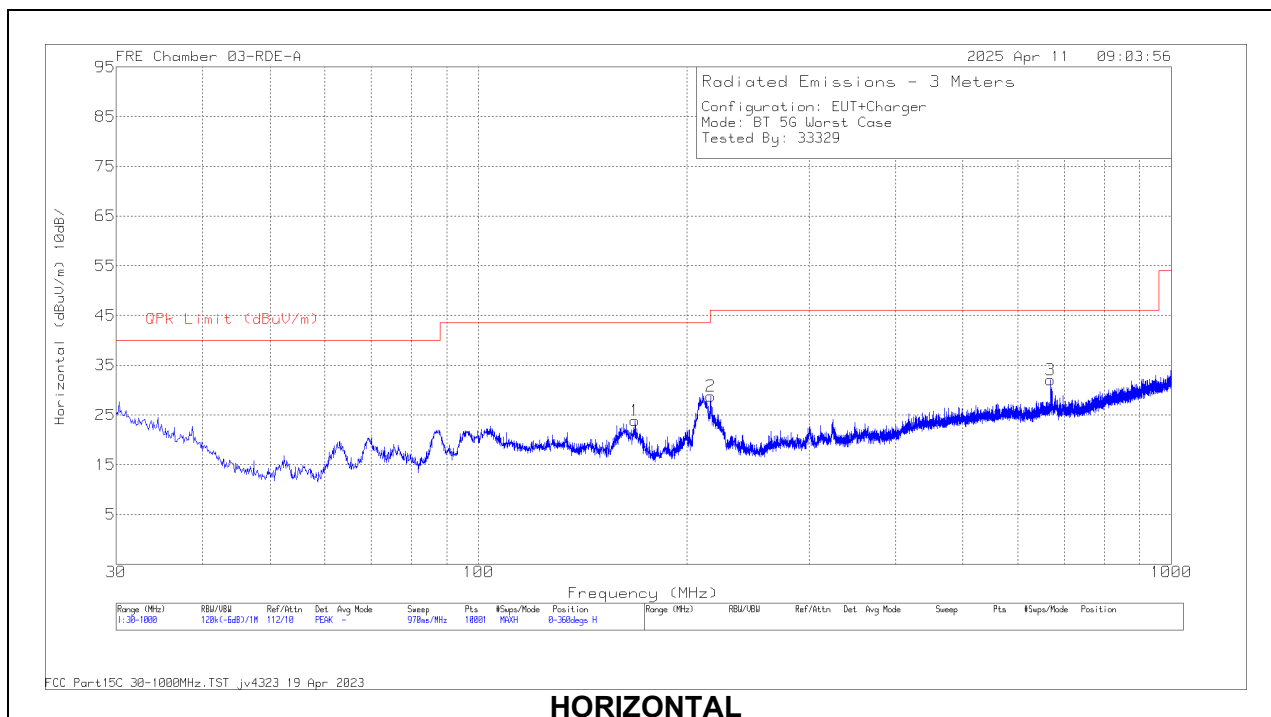
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.020685	62.87	PK-U	31.6	0	-50.97	43.5	-	-	88.2	-44.7	165	310	H
	2.022814	51.05	ADR	31.6	1.16	-50.95	32.86	68.2	-35.34	-	-	165	310	H
2	2.024548	51.12	ADR	31.6	1.16	-50.94	32.94	68.2	-35.26	-	-	11	350	V
	2.025673	63.05	PK-U	31.6	0	-50.9	43.75	-	-	88.2	-44.45	11	350	V
4	3.054793	47.11	ADR	33	1.16	-48.87	32.4	68.2	-35.8	-	-	4	302	V
	3.055008	58.83	PK-U	33	0	-48.87	42.96	-	-	88.2	-45.24	4	302	V
3	3.055533	47	ADR	33	1.16	-48.87	32.29	68.2	-35.91	-	-	351	183	H
	3.056478	58.68	PK-U	33	0	-48.86	42.82	-	-	88.2	-45.38	351	183	H
5	12.105558	55.49	PK-U	38.9	0	-44.05	50.34	-	-	74	-23.66	132	371	H
	12.106284	43.97	ADR	38.9	1.16	-44.04	39.99	54	-14.01	-	-	132	371	H
6	12.107849	55.83	PK-U	38.9	0	-43.97	50.76	-	-	74	-23.24	360	186	V
	12.103961	43.96	ADR	38.9	1.16	-44.14	39.88	54	-14.12	-	-	360	186	V

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.2. WORST CASE BELOW 1 GHz – HIGH POWER



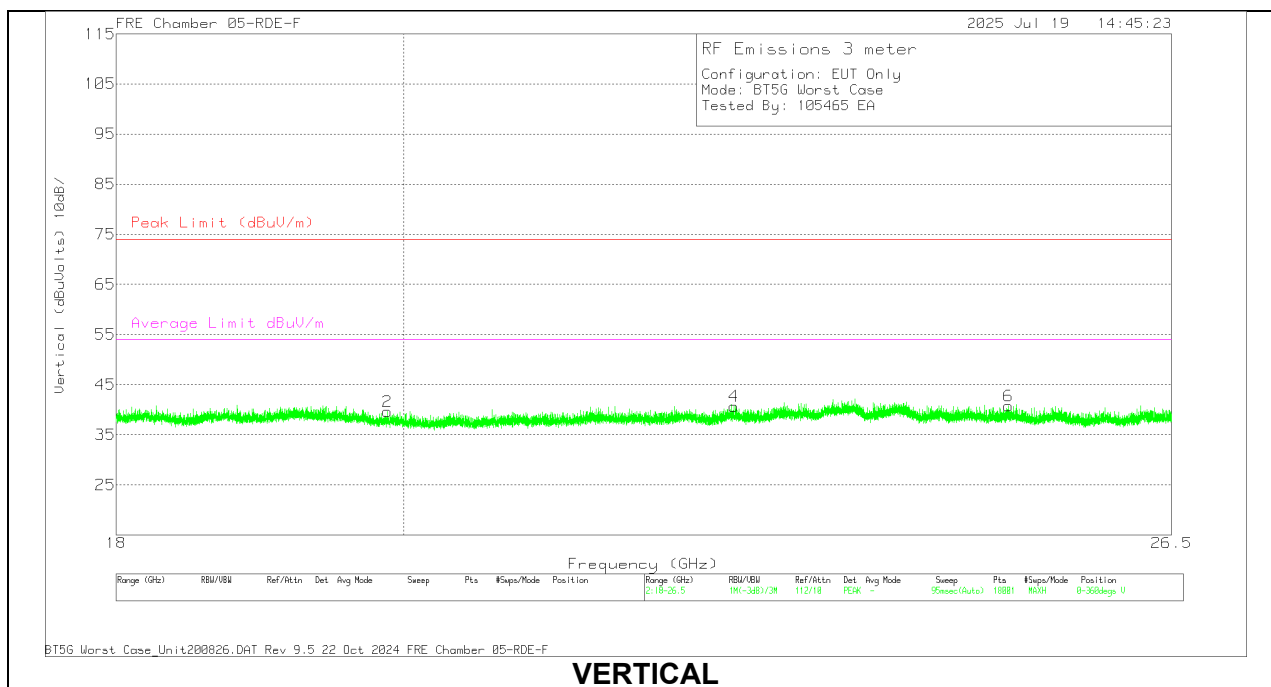
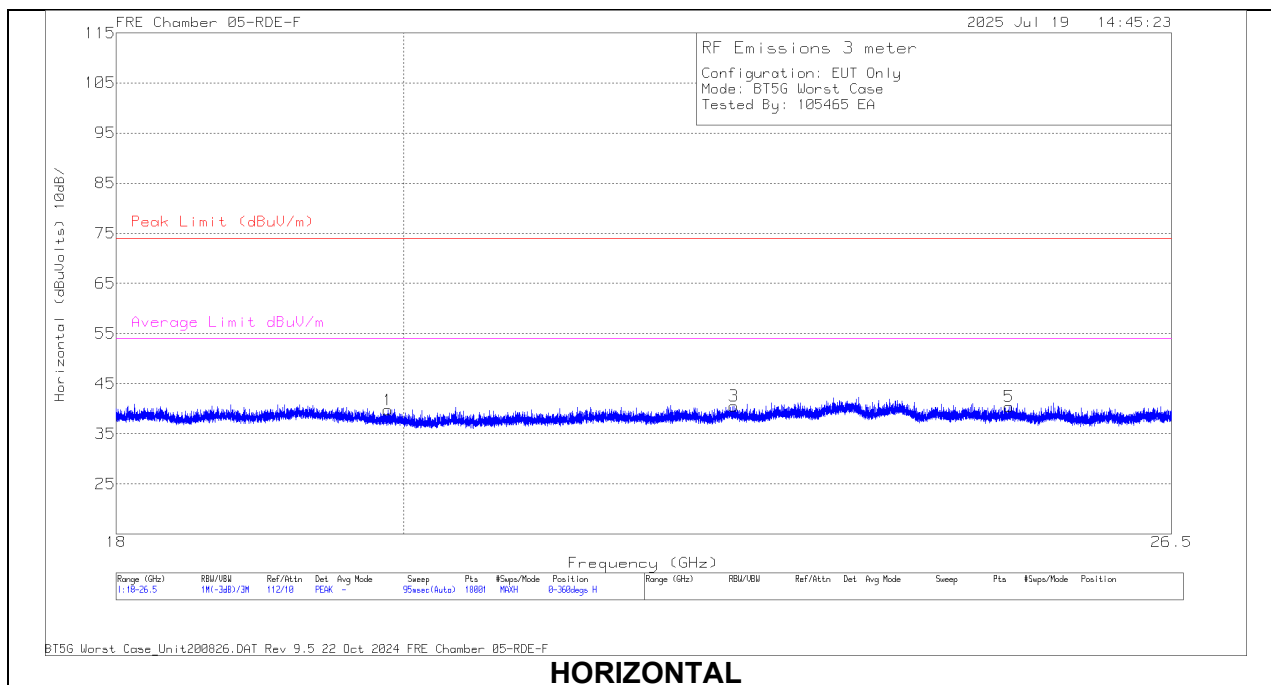
Radiated Emissions

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80813 ACF (dB/m)	CBL AMP (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 168.077	25.62	Qp	18	-29.8	13.82	43.52	-29.7	195	127	H
2	215.828	34.94	Qp	16.4	-29.5	21.84	43.52	-21.68	48	122	H
3	669.087	20.23	Qp	25.5	-27.4	18.33	46.02	-27.69	119	327	H
4	33.8679	31.48	Qp	24.1	-31.1	24.48	40	-15.52	87	108	V
5	* 168.474	23.65	Qp	18	-29.8	11.85	43.52	-31.67	46	122	V
6	210.015	35	Qp	16.2	-29.8	21.4	43.52	-22.12	165	105	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Qp - Quasi-Peak detector

11.3. WORST CASE 18-26 GHz – HIGH POWER

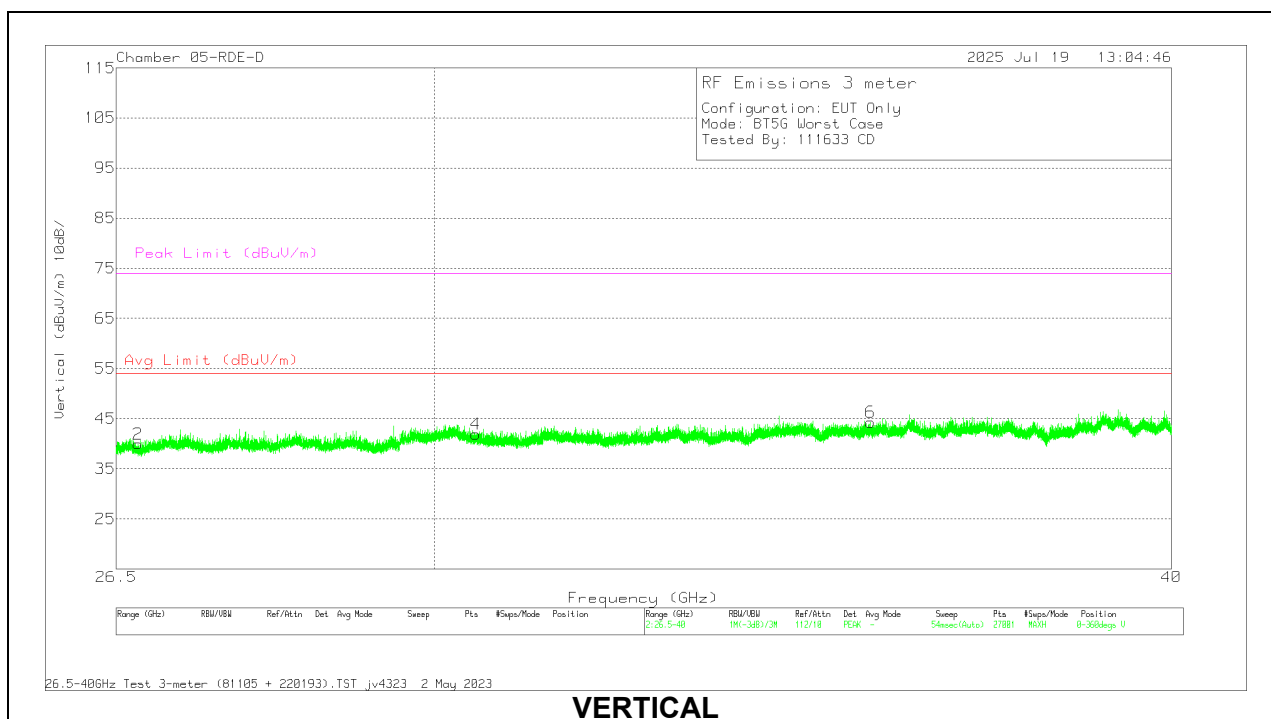
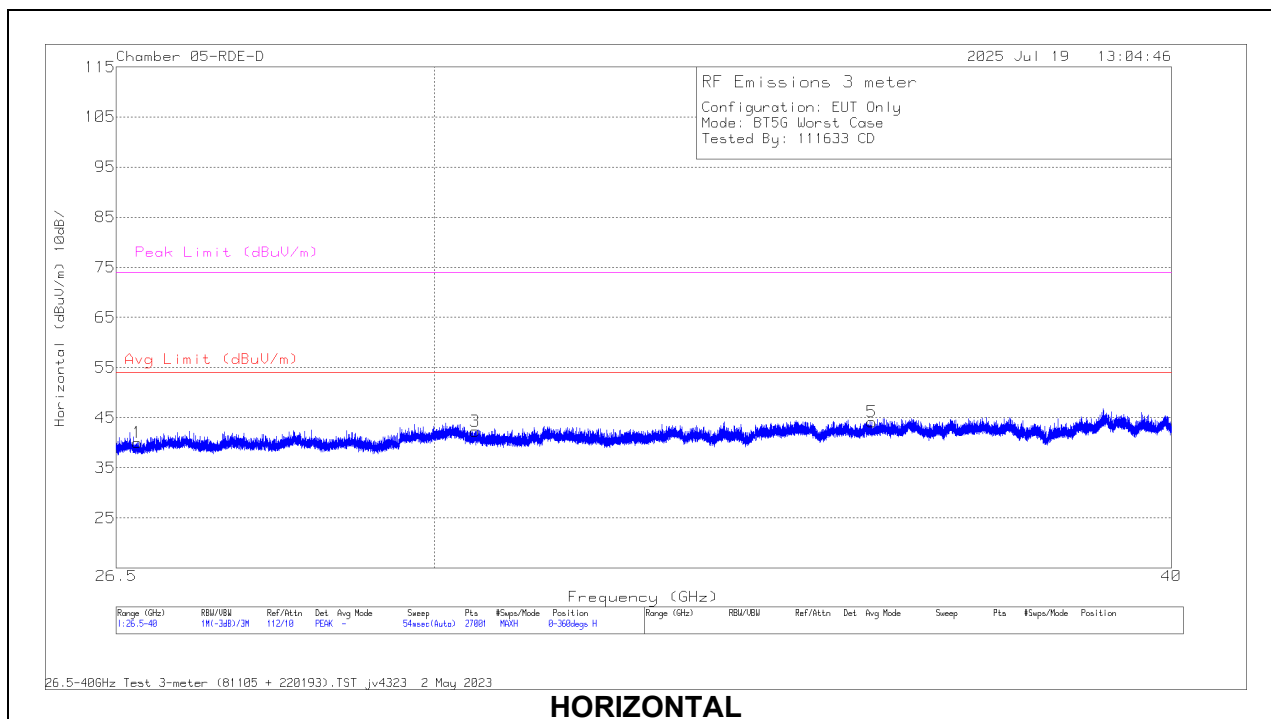


Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81139 ACF (dB/m)	CBL/AMP (dB)	Cbl (dB)	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	19.886999	55.52	Pk	33.1	-62.4	13.5	39.72	74	-34.28	-	-	0-360	200	H
3	22.572053	55.02	Pk	33.6	-62.5	14.4	40.52	74	-33.48	-	-	0-360	200	H
5	24.969997	53.59	Pk	34.3	-62.8	15.3	40.39	74	-33.61	-	-	0-360	200	H
2	19.881332	55.4	Pk	33.1	-62.4	13.5	39.6	74	-34.4	-	-	0-360	200	V
4	22.572053	55.16	Pk	33.6	-62.5	14.4	40.66	74	-33.34	-	-	0-360	200	V
6	24.962913	53.92	Pk	34.3	-62.8	15.3	40.72	74	-33.28	-	-	0-360	200	V

Pk - Peak detector

11.4. WORST CASE 26-40 GHz – HIGH POWER



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81105 ACF (dB/m)	CBL/AMP (dB)	CBL AMP (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	26.7215	56.63	Pk	35.6	-68	15.8	40.03	-	-	74	-33.97	0-360	101	H
2	26.7235	56.56	Pk	35.6	-68	15.8	39.96	-	-	74	-34.04	0-360	200	V
3	30.487	52.29	Pk	36.3	-63.6	17.3	42.29	-	-	74	-31.71	0-360	200	H
4	30.4885	51.93	Pk	36.3	-63.6	17.3	41.93	-	-	74	-32.07	0-360	200	V
6	35.57	54.49	Pk	37.2	-66.2	18.8	44.29	-	-	74	-29.71	0-360	101	V
5	35.588	54.49	Pk	37.3	-66.3	18.7	44.19	-	-	74	-29.81	0-360	101	H

Pk - Peak detector

12. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

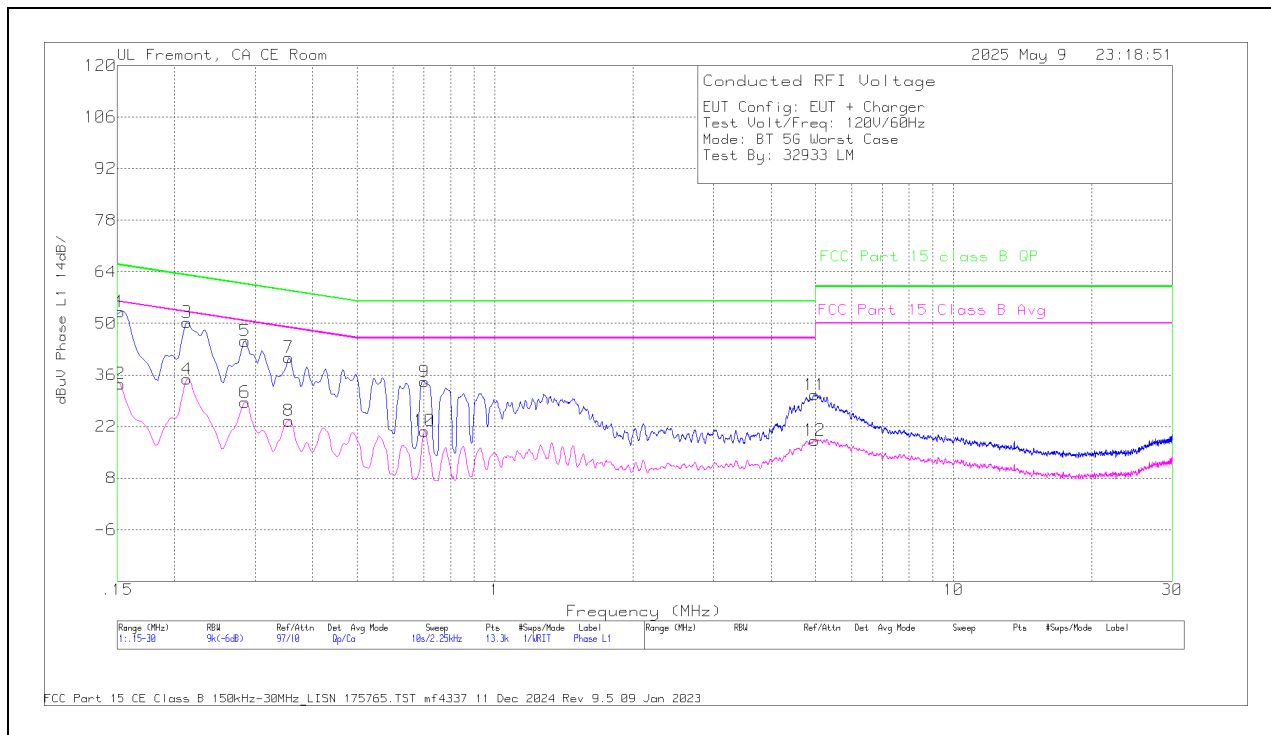
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

12.1. EUT WITH AC ADAPTER

LINE 1 RESULTS

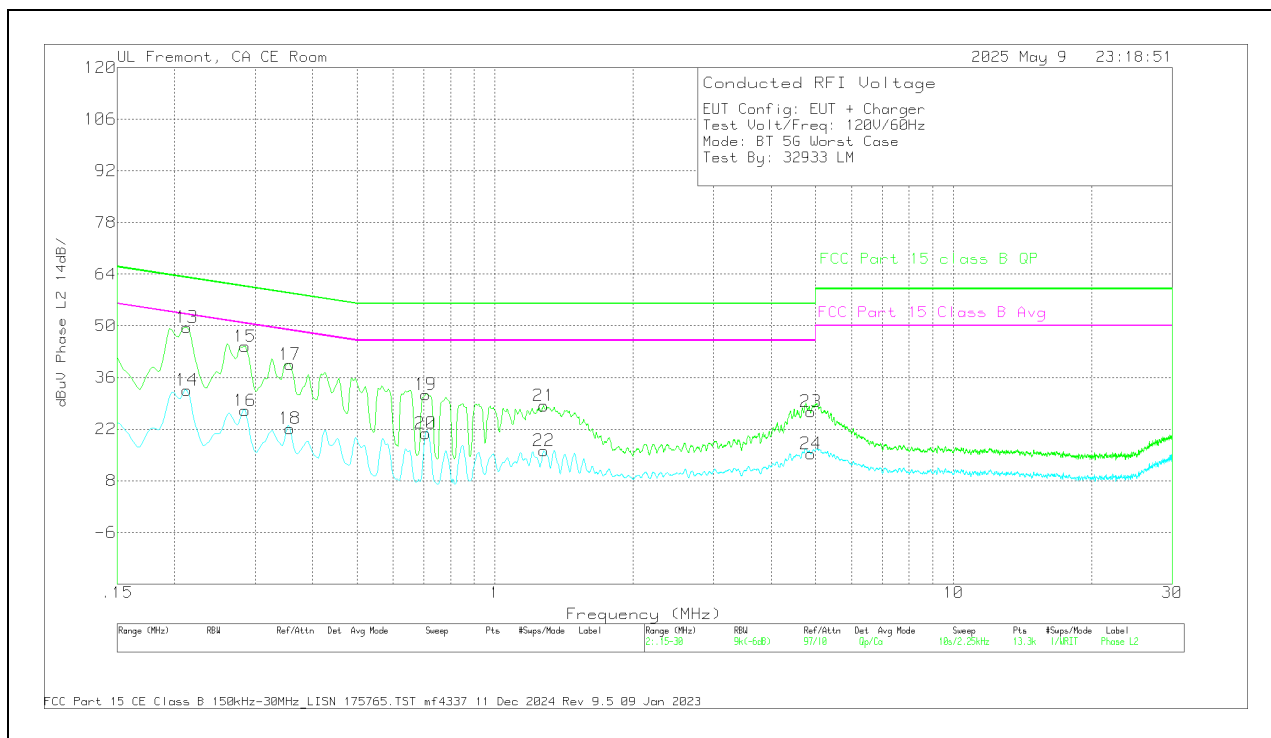


Trace Markers

Range 1: Phase L1 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading dBuV	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
2	.1523	14.51	Ca	.5	.1	8.5	10	33.61	55.88	-22.27	-	-
4	.213	16.58	Ca	0	0	8.3	10	34.88	53.09	-18.21	-	-
6	.285	10.51	Ca	0	0	8.1	10	28.61	50.67	-22.06	-	-
8	.3548	5.56	Ca	-.4	0	8.4	10	23.56	48.85	-25.29	-	-
10	.7013	2.42	Ca	.2	0	8.2	10	20.82	46	-25.18	-	-
12	4.9785	-.19	Ca	.1	0	8.3	10	18.21	46	-27.79	-	-
1	.1523	34.05	Qp	.5	.1	8.5	10	53.15	-	-	65.88	-12.73
3	.213	31.95	Qp	0	0	8.3	10	50.25	-	-	63.09	-12.84
5	.285	27.12	Qp	0	0	8.1	10	45.22	-	-	60.67	-15.45
7	.3548	22.71	Qp	-.4	0	8.4	10	40.71	-	-	58.85	-18.14
9	.7013	15.79	Qp	.2	0	8.2	10	34.19	-	-	56	-21.81
11	4.9785	12.19	Qp	.1	0	8.3	10	30.59	-	-	56	-25.41

Qp - Quasi-Peak detector
Ca - CISPR average detection

LINE 2 RESULTS



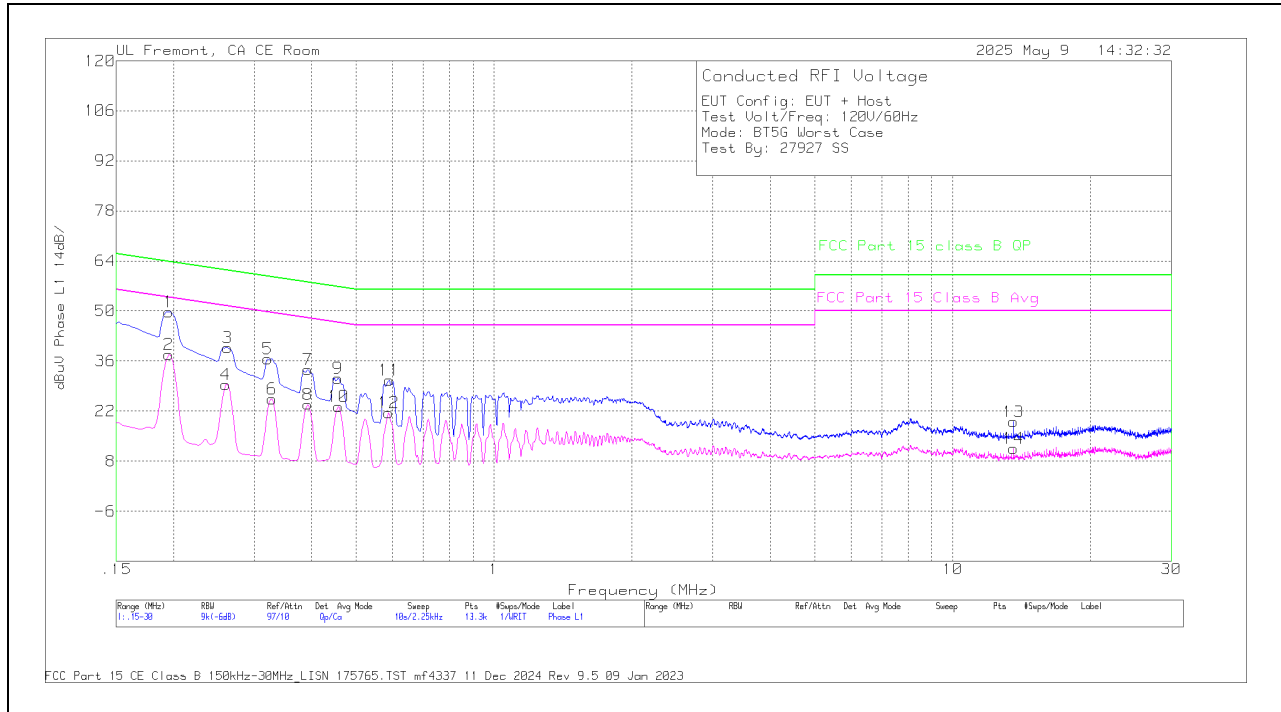
Trace Markers

Range 2: Phase L2 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading dBuV	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
14	.213	14.26	Ca	0	0	8.3	10	32.56	53.09	-20.53	-	-
16	.285	8.91	Ca	0	0	8.1	10	27.01	50.67	-23.66	-	-
18	.357	4.15	Ca	-4	0	8.4	10	22.15	48.8	-26.65	-	-
20	.7058	2.44	Ca	.2	0	8.2	10	20.84	46	-25.16	-	-
22	1.2773	-2.36	Ca	.1	0	8.4	10	16.14	46	-29.86	-	-
24	4.8863	-2.8	Ca	.1	0	8	10	15.3	46	-30.7	-	-
13	.213	31.27	Qp	0	0	8.3	10	49.57	-	-	63.09	-13.52
15	.285	26.31	Qp	0	0	8.1	10	44.41	-	-	60.67	-16.26
17	.357	21.5	Qp	-4	0	8.4	10	39.5	-	-	58.8	-19.3
19	.7058	12.95	Qp	.2	0	8.2	10	31.35	-	-	56	-24.65
21	1.2773	9.83	Qp	.1	0	8.4	10	28.33	-	-	56	-27.67
23	4.8863	8.62	Qp	.1	0	8	10	26.72	-	-	56	-29.28

Qp - Quasi-Peak detector
Ca - CISPR average detection

12.2. EUT WITH LAPTOP

LINE 1 RESULTS

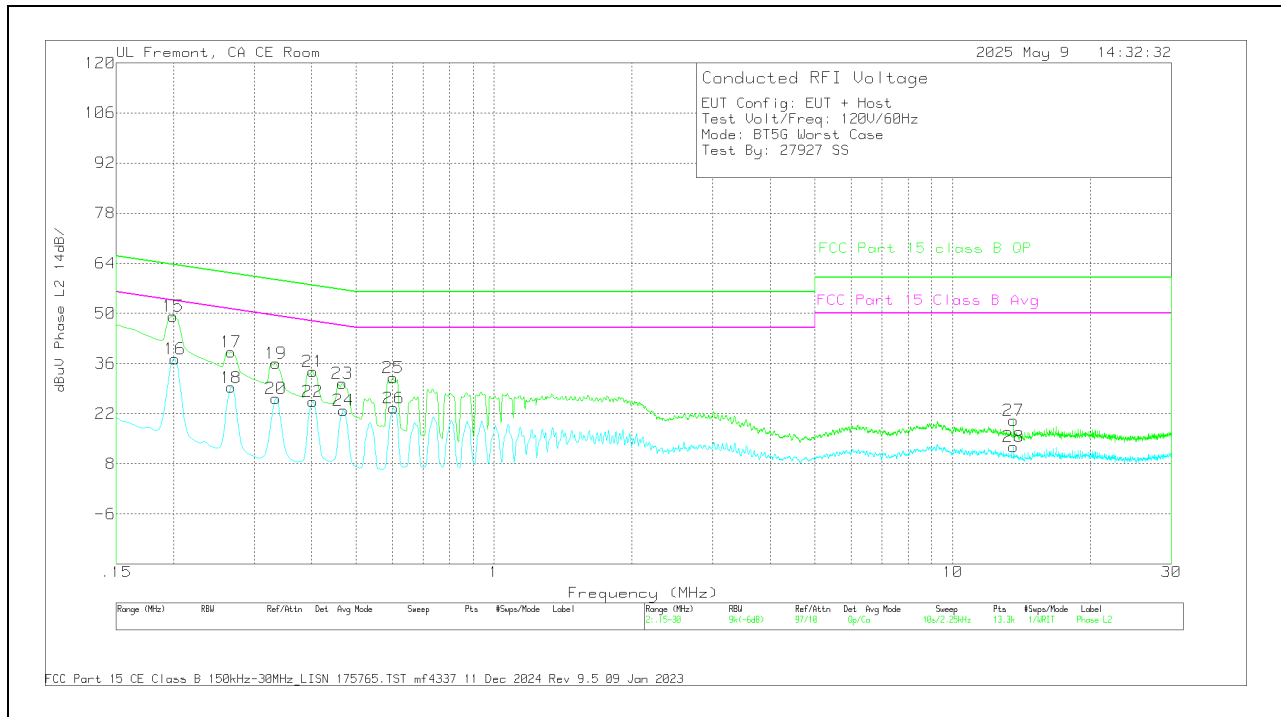


Trace Markers

Range 1: Phase L1 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading dBuV	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
2	.195	18.07	Ca	.1	.1	8.4	10	36.67	53.82	-17.15	-	-
4	.2603	10.21	Ca	-.1	0	8.2	10	28.31	51.42	-23.11	-	-
6	.3278	6.17	Ca	-.2	0	8.2	10	24.17	49.51	-25.34	-	-
8	.393	4.93	Ca	-.5	0	8.3	10	22.73	48	-25.27	-	-
10	.4583	3.23	Ca	.2	0	8.7	10	22.13	46.72	-24.59	-	-
12	.5888	2.49	Ca	-.2	0	8.1	10	20.39	46	-25.61	-	-
14	13.56	-8.12	Ca	.2	.1	8.2	10	10.38	50	-39.62	-	-
1	.195	30.02	Qp	.1	.1	8.4	10	48.62	-	-	63.82	-15.2
3	.2625	20.52	Qp	-.1	0	8.2	10	38.62	-	-	61.35	-22.73
5	.321	17.47	Qp	-.2	0	8.2	10	35.47	-	-	59.68	-24.21
7	.393	14.64	Qp	-.5	0	8.3	10	32.44	-	-	58	-25.56
9	.456	11.05	Qp	.2	0	8.8	10	30.05	-	-	56.77	-26.72
11	.591	11.57	Qp	-.2	0	8.1	10	29.47	-	-	56	-26.53
13	13.56	-6.66	Qp	.2	.1	8.2	10	17.84	-	-	60	-42.16

Qp - Quasi-Peak detector
Ca - CISPR average detection

LINE 2 RESULTS



Trace Markers

Range 2: Phase L2 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
16	.2018	17.66	Ca	.1	0	8.4	10	36.16	53.54	-17.38	-	-
18	.267	10.17	Ca	-.1	0	8.1	10	28.17	51.21	-23.04	-	-
20	.3345	7.04	Ca	-.3	0	8.3	10	25.04	49.34	-24.3	-	-
22	.402	6.36	Ca	-.5	0	8.3	10	24.16	47.81	-23.65	-	-
24	.4695	3.21	Ca	.1	0	8.5	10	21.81	46.52	-24.71	-	-
26	.6045	4.3	Ca	-.1	0	8.2	10	22.4	46	-23.6	-	-
28	13.56	-6.91	Ca	.2	.1	8.2	10	11.59	50	-38.41	-	-
15	.1995	29.55	Qp	.1	0	8.4	10	48.05	-	-	63.63	-15.58
17	.267	20.04	Qp	-.1	0	8.1	10	38.04	-	-	61.21	-23.17
19	.3345	16.88	Qp	-.3	0	8.3	10	34.88	-	-	59.34	-24.46
21	.402	14.89	Qp	-.5	0	8.3	10	32.69	-	-	57.81	-25.12
23	.4673	10.57	Qp	.1	0	8.6	10	29.27	-	-	56.56	-27.29
25	.6023	12.85	Qp	-.1	0	8.2	10	30.95	-	-	56	-25.05
27	13.56	.5	Qp	.2	.1	8.2	10	19	-	-	60	-41

Qp - Quasi-Peak detector
Ca - CISPR average detection

13. SETUP PHOTOS

Refer to 15496277-EP1V1 FCC IC Setup_Photo for setup photos.

END OF TEST REPORT