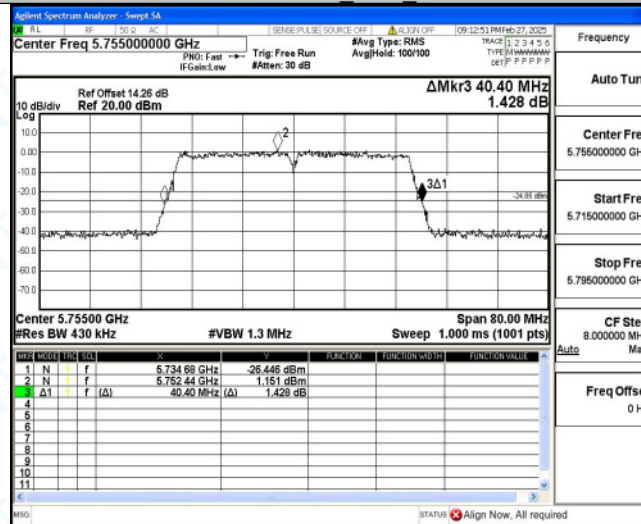
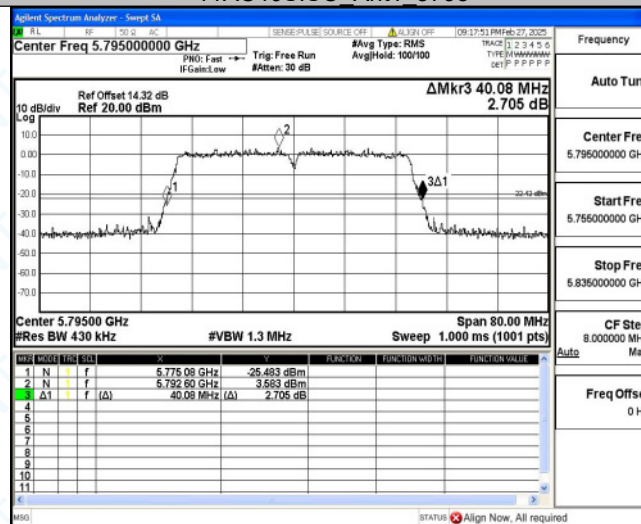




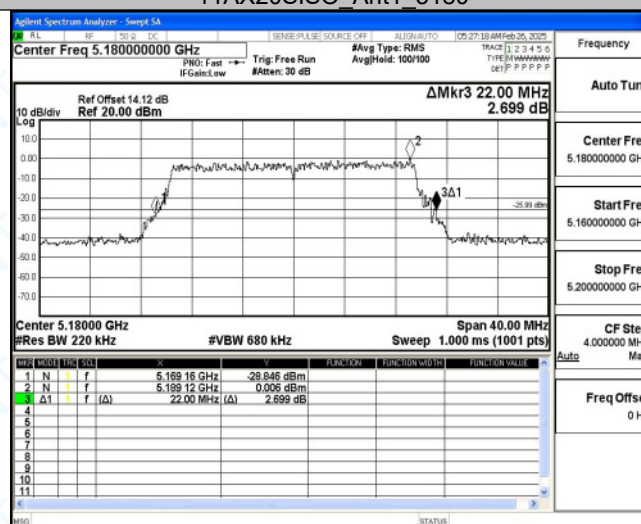
11AC40SISO Ant1 5755



11AC40SISO Ant1 5795

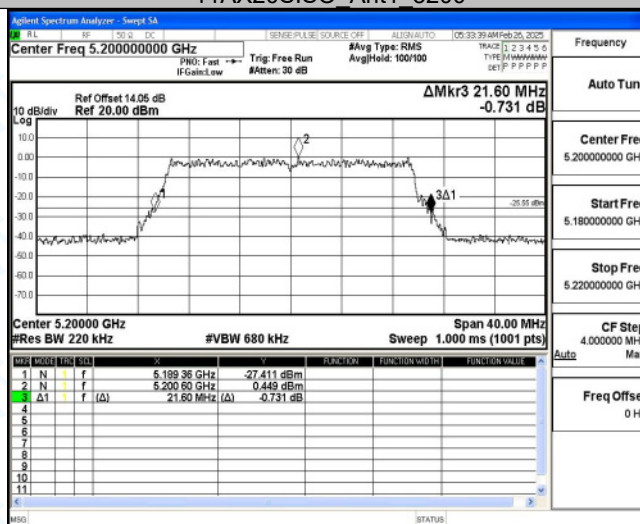


11AX20SISO Ant1 5180

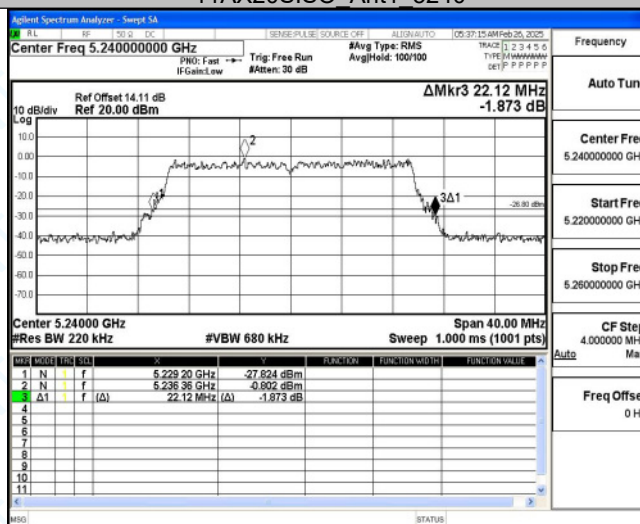




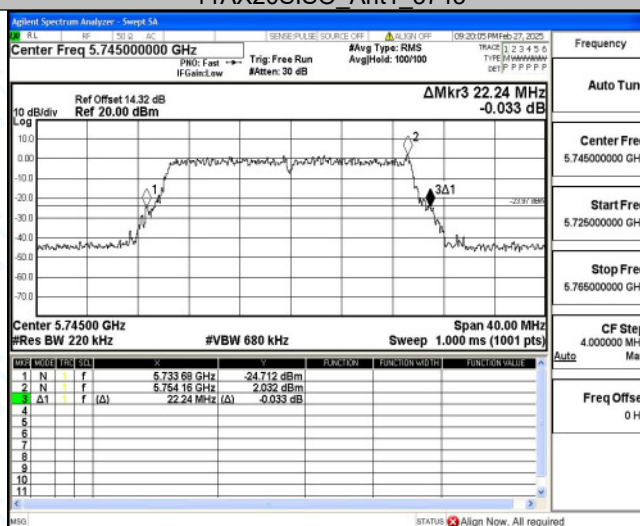
11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240

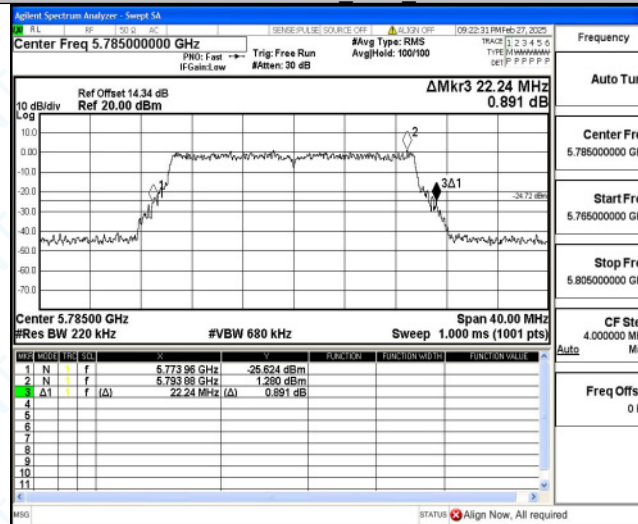


11AX20SISO_Ant1_5745

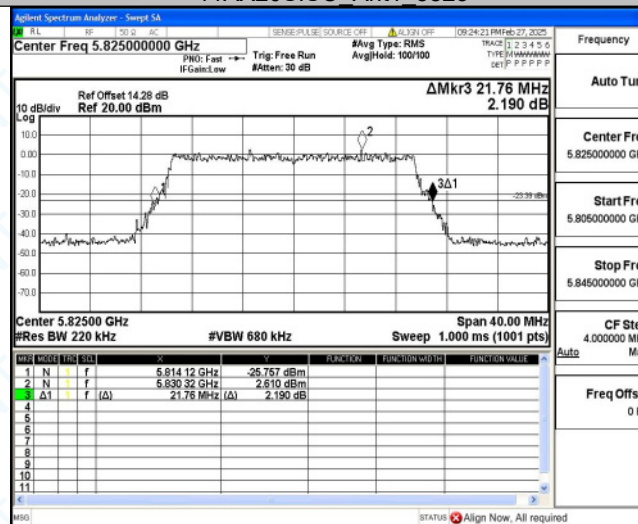




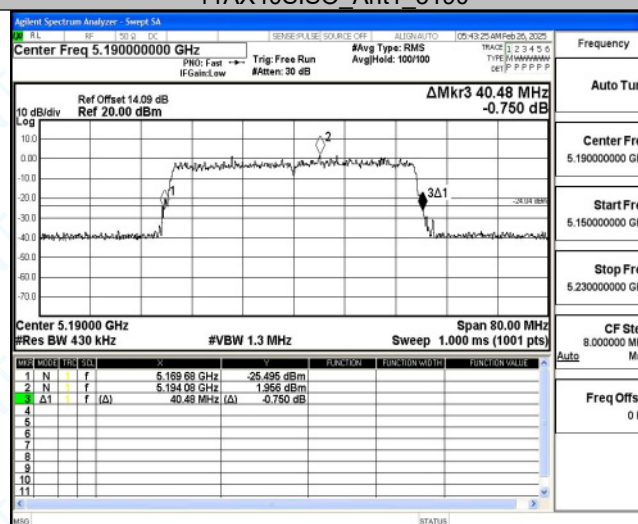
11AX20SISO Ant1 5785



11AX20SISO Ant1 5825

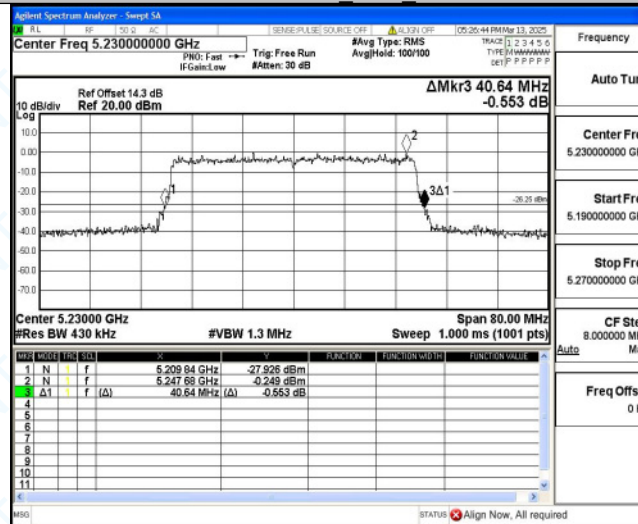


11AX40SISO Ant1 5190

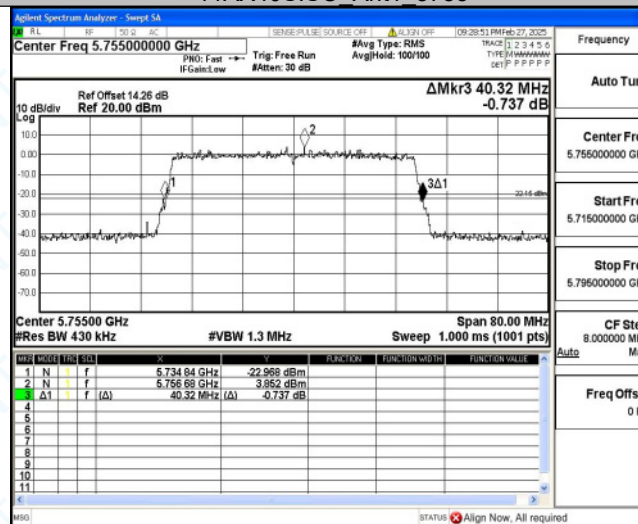




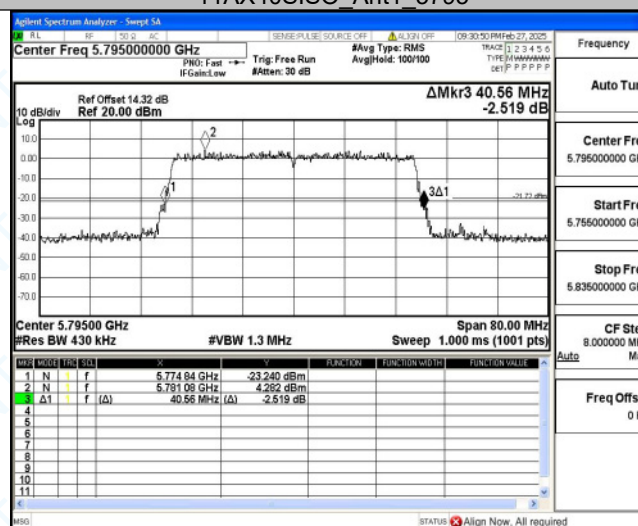
11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795





Appendix C:Occupied channel bandwidth

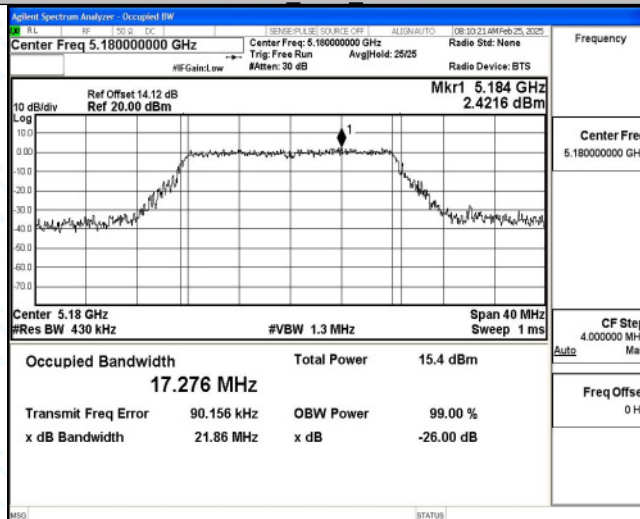
Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	17.276	5171.4522	5188.7282
		5200	17.078	5191.4274	5208.5054
		5240	17.155	5231.3888	5248.5438
		5745	17.211	5736.3596	5753.5706
		5785	17.060	5776.3018	5793.3618
		5825	17.204	5816.3132	5833.5172
11N20SISO	Ant1	5180	18.162	5170.9993	5189.1613
		5200	18.117	5190.9293	5209.0463
		5240	18.386	5230.8106	5249.1966
		5745	18.070	5735.8441	5753.9141
		5785	18.171	5775.8109	5793.9819
		5825	18.178	5815.8150	5833.9930
11N40SISO	Ant1	5190	36.439	5171.8898	5208.3288
		5230	36.591	5211.6684	5248.2594
		5755	36.305	5736.8197	5773.1247
		5795	36.539	5776.7309	5813.2699
11AC20SISO	Ant1	5180	18.104	5170.9900	5189.0940
		5200	17.911	5191.0166	5208.9276
		5240	18.146	5230.9321	5249.0781
		5745	18.029	5735.9431	5753.9721
		5785	18.152	5775.8721	5794.0241
		5825	18.180	5815.8543	5834.0343
11AC40SISO	Ant1	5190	36.449	5171.8877	5208.3367
		5230	36.543	5211.6542	5248.1972
		5755	36.600	5736.6879	5773.2879
		5795	36.389	5776.7589	5813.1479
11AX20SISO	Ant1	5180	19.181	5170.3820	5189.5630
		5200	19.089	5190.3816	5209.4706
		5240	19.183	5230.3788	5249.5618
		5745	19.238	5735.3002	5754.5382
		5785	19.129	5775.3726	5794.5016
		5825	19.080	5815.3983	5834.4783
11AX40SISO	Ant1	5190	37.865	5171.0832	5208.9482
		5230	38.137	5210.8929	5249.0299
		5755	37.880	5736.0404	5773.9204
		5795	37.751	5776.0860	5813.8370

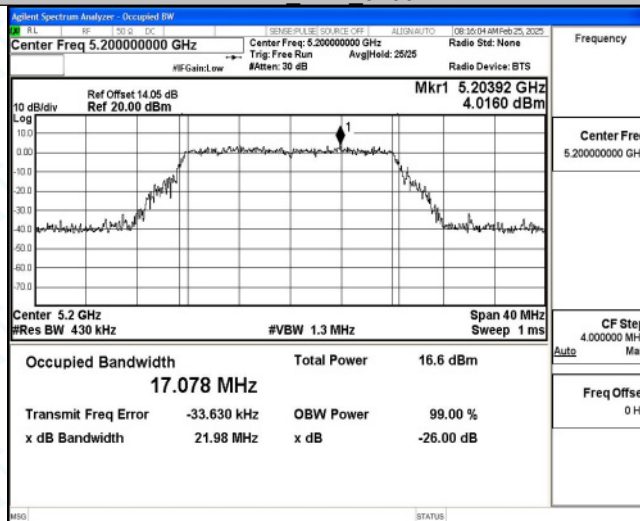


Test Graphs

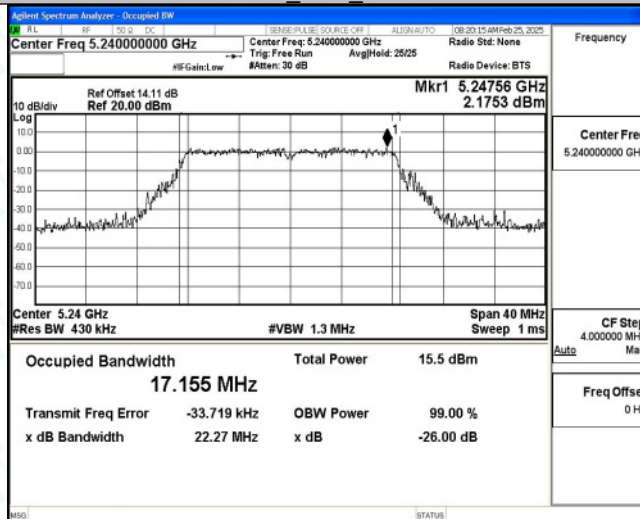
11A Ant1 5180



11A Ant1 5200

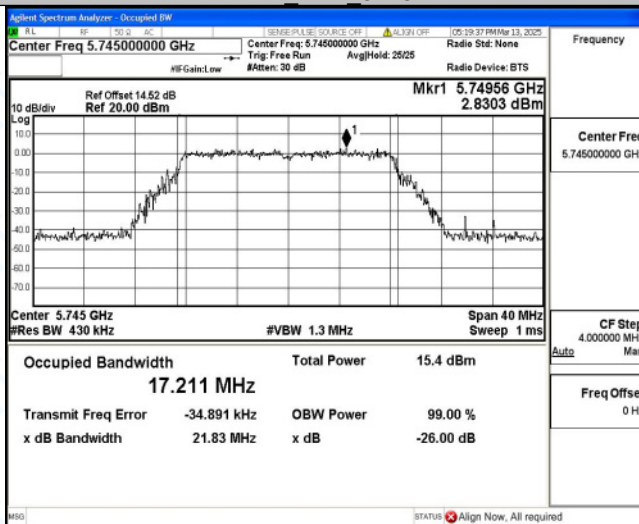


11A Ant1 5240

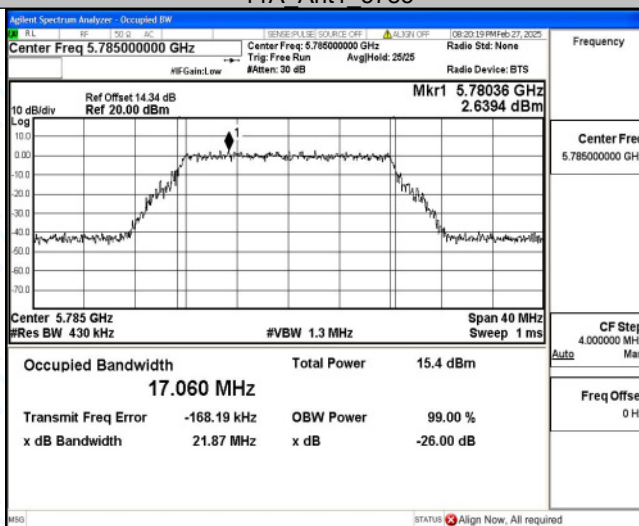




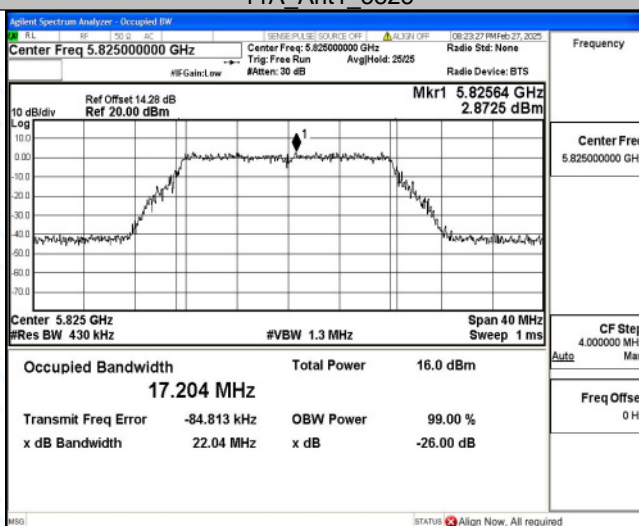
11A Ant1 5745



11A Ant1 5785

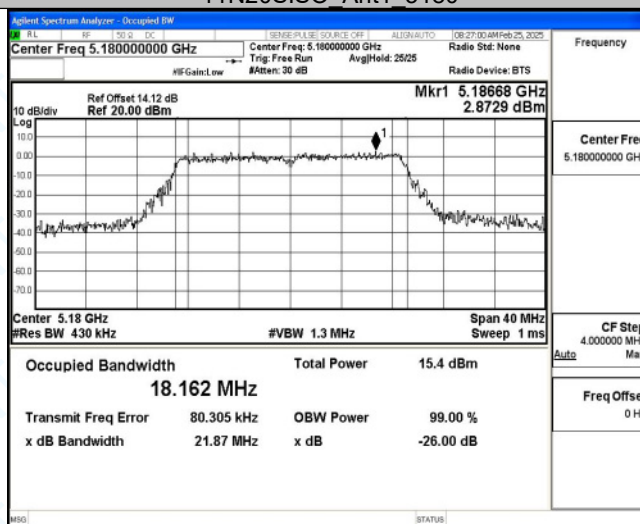


11A Ant1 5825

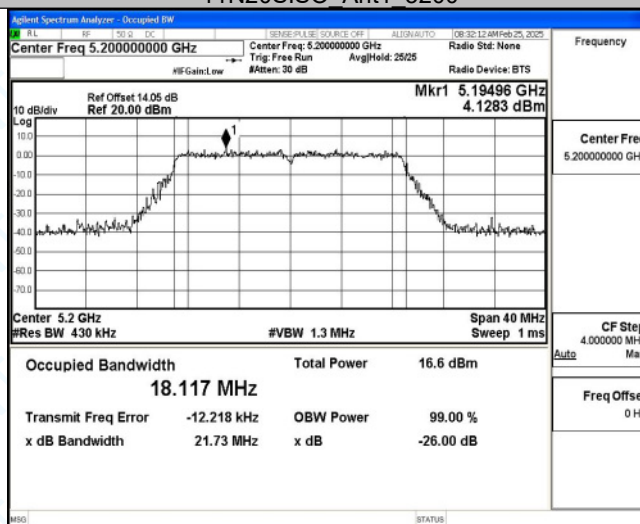




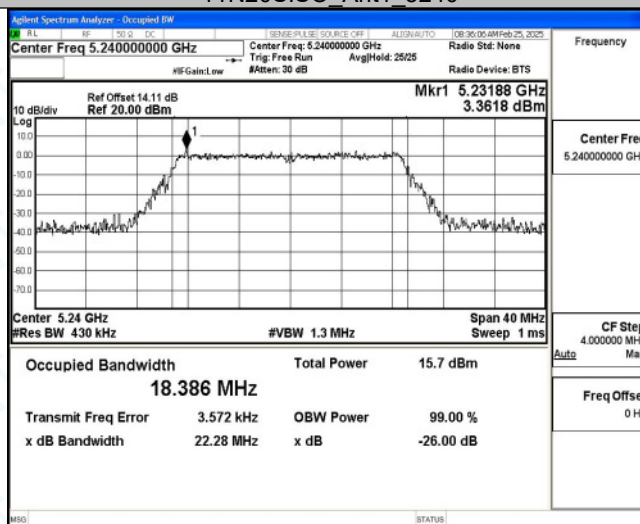
11N20SISO Ant1 5180



11N20SISO Ant1 5200

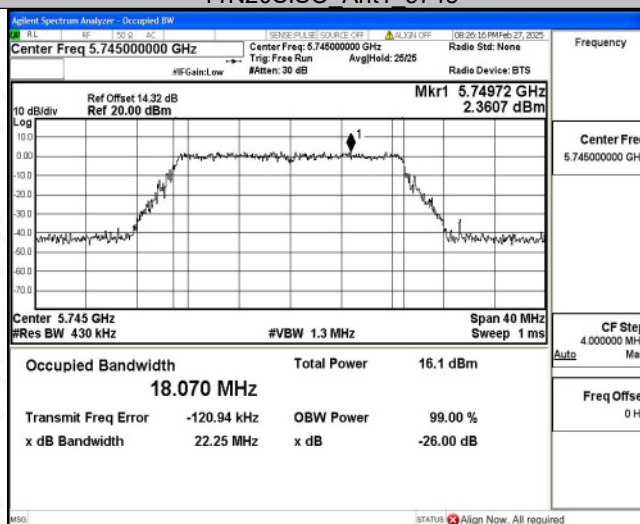


11N20SISO Ant1 5240

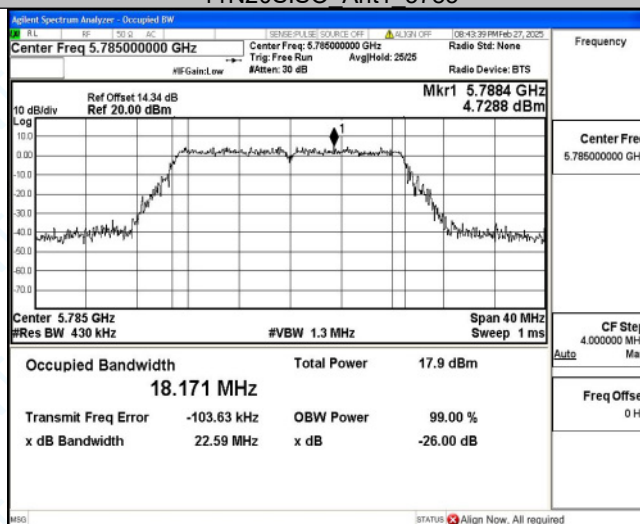




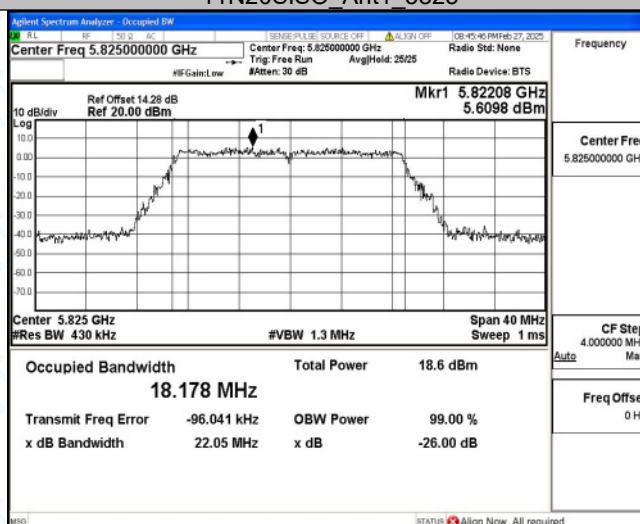
11N20SISO Ant1 5745



11N20SISO Ant1 5785

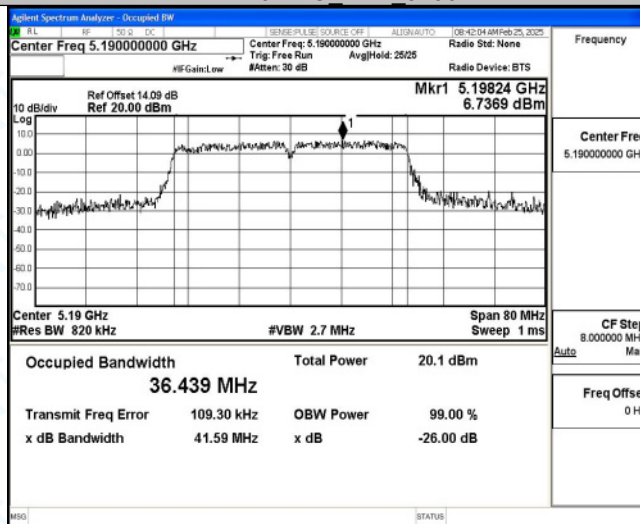


11N20SISO Ant1 5825

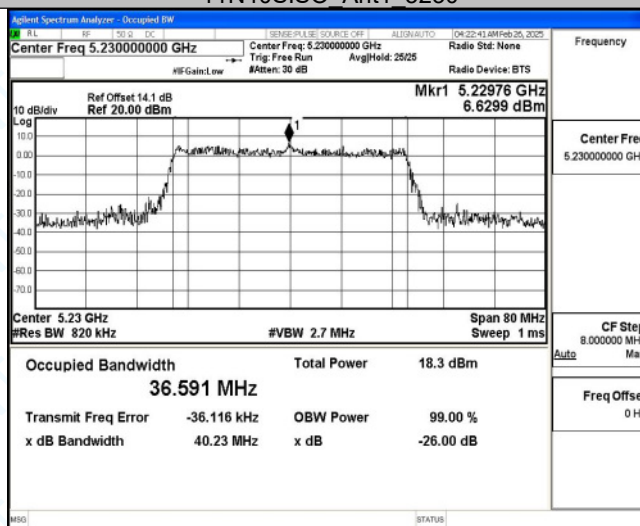




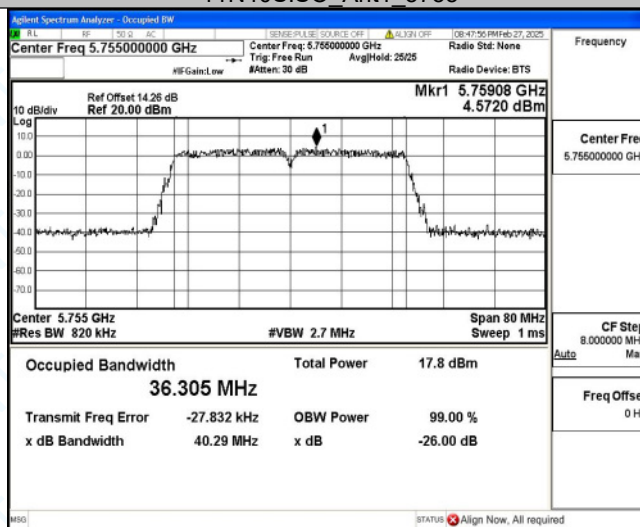
11N40SISO Ant1 5190



11N40SISO Ant1 5230

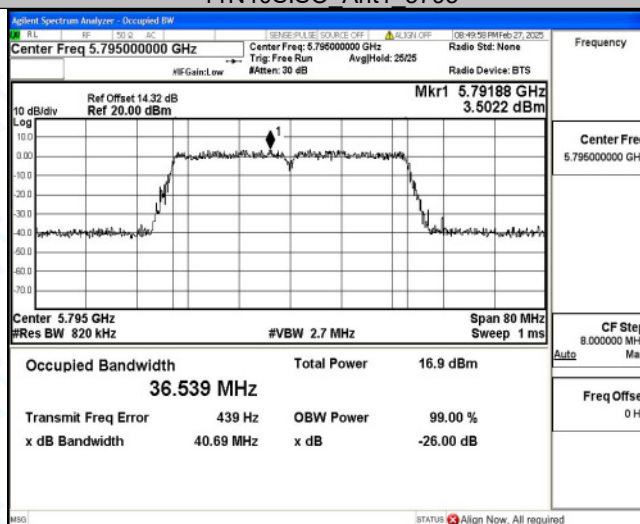


11N40SISO Ant1 5755

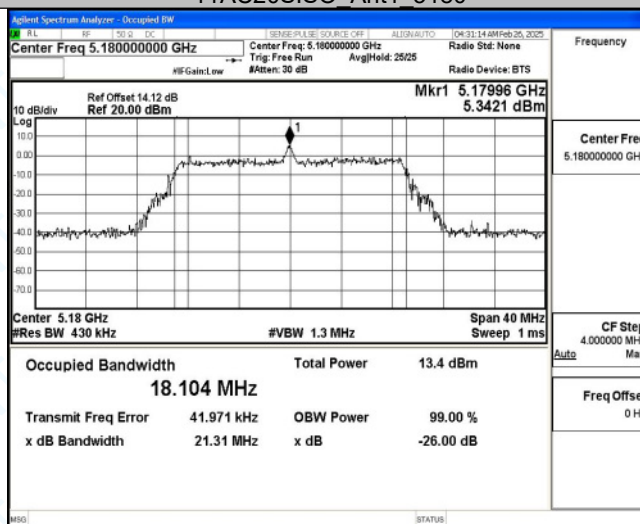




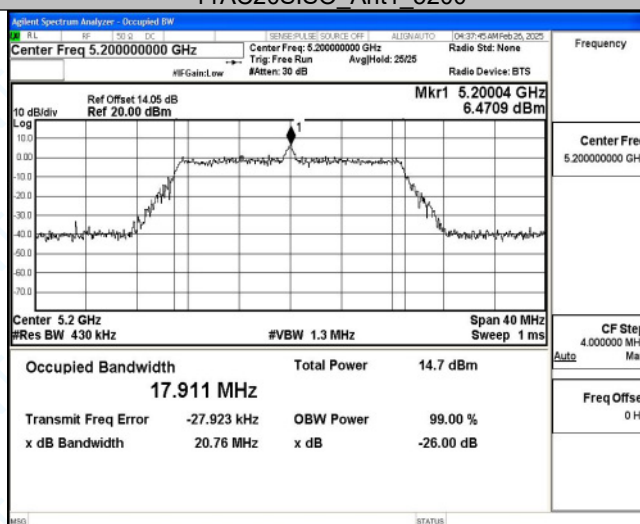
11N40SISO Ant1 5795



11AC20SISO Ant1 5180

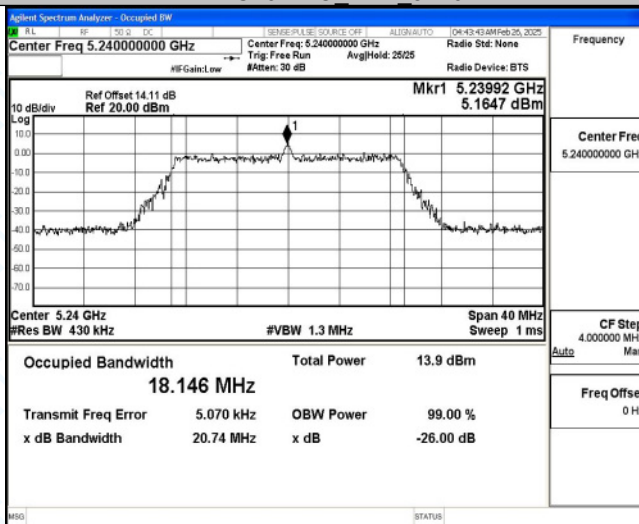


11AC20SISO Ant1 5200

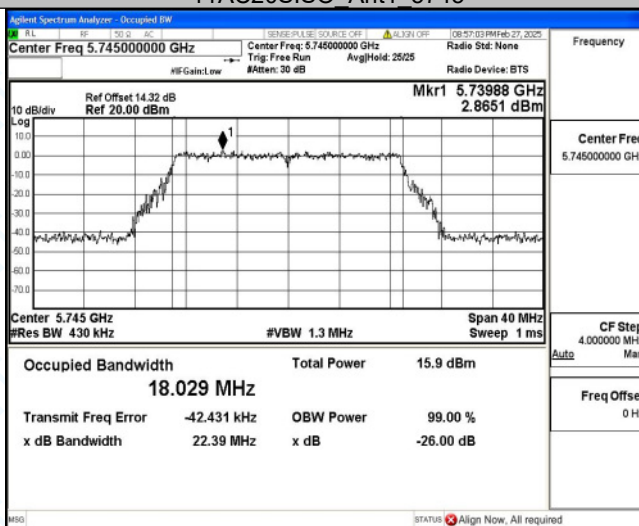




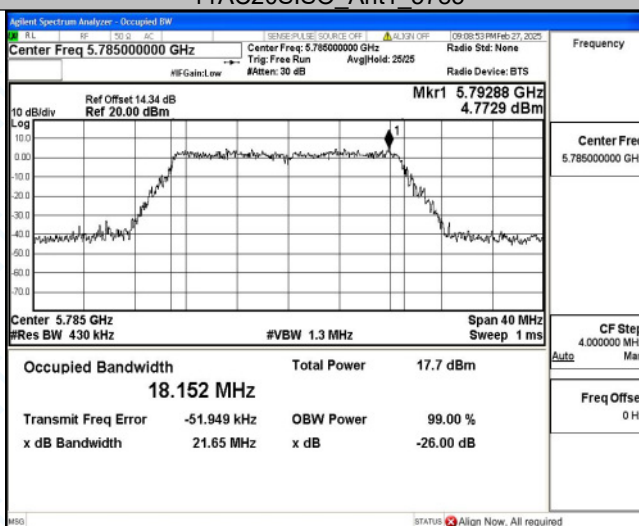
11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745

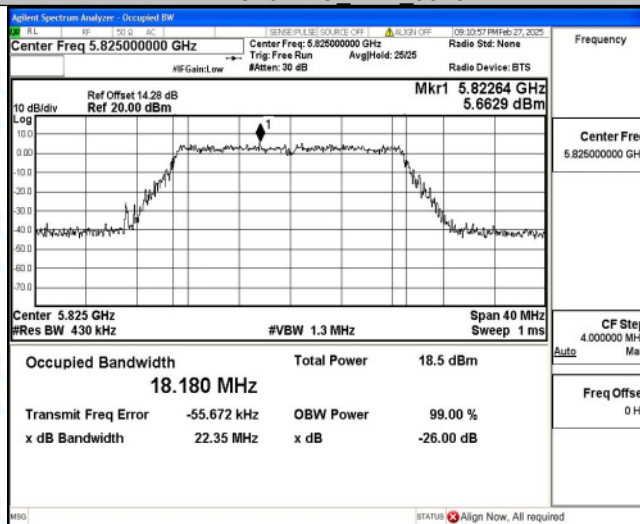


11AC20SISO_Ant1_5785

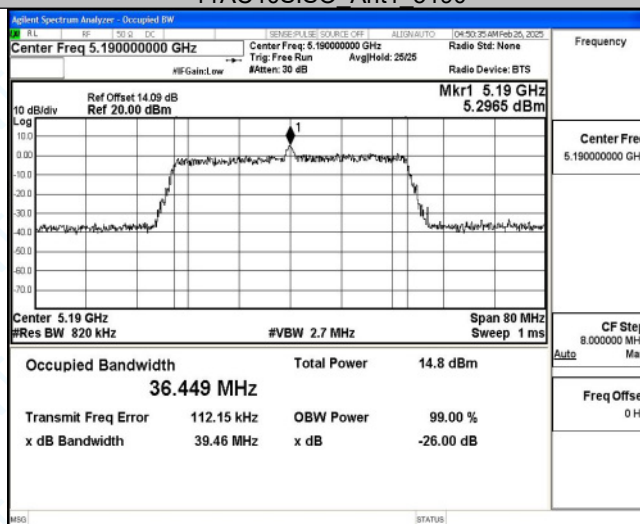




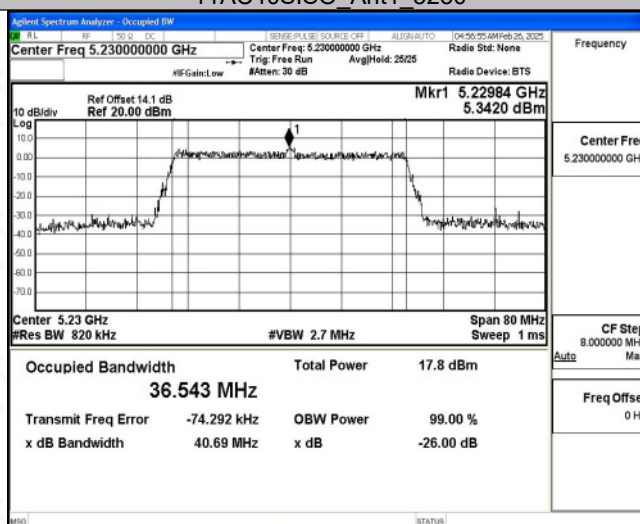
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190

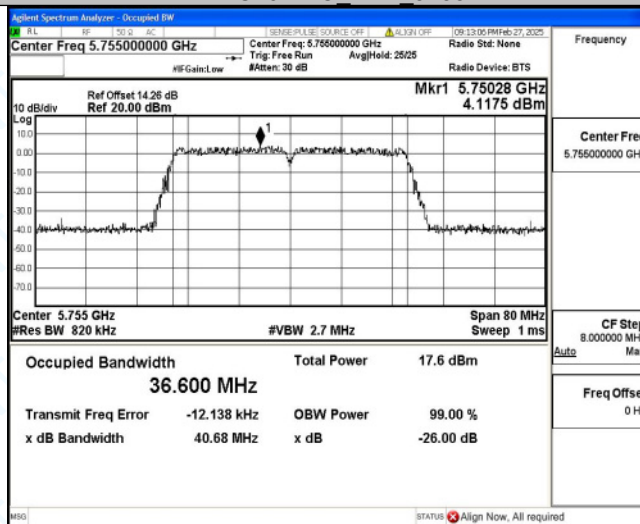


11AC40SISO_Ant1_5230

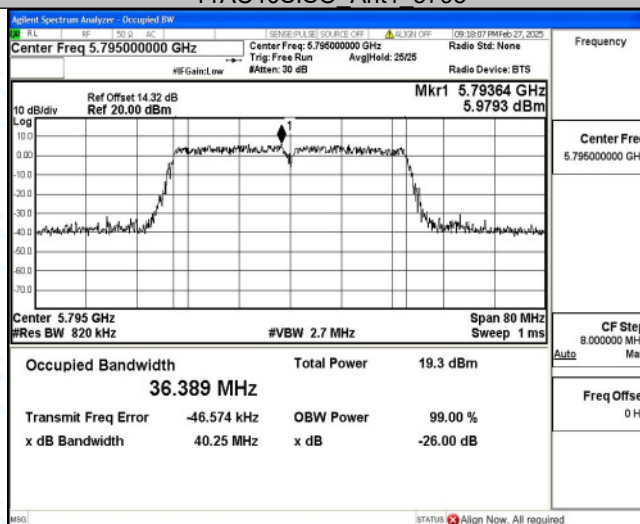




11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5180





Agilent Spectrum Analyzer - Occupied BW

AL RF 70.00000000 GHz Center Freq 5.200000000 GHz Trig: Free Run AvgHeld: 25/25 Radio Stat: None

#F GainCl: on #Atten: 30 dB Radio Device: BTS

Ref Offset 14.06 dB Mkr1 5.20184 GHz
Ref 20.00 dB 3.0214 dBm

Center 5.2 GHz Span 40 MHz
#Res BW 430 kHz Sweep 1 ms
#VBW 1.3 MHz

Occupied Bandwidth	Total Power	15.3 dBm
19.089 MHz		
Transmit Freq Error	-73.881 kHz	OBW Power 99.00 %
x dB Bandwidth	21.83 MHz	x dB -26.00 dB

MSO STATUS

Agilent Spectrum Analyzer - Occupied BW

AL RF NO G DC

Center Freq 5.240000000 GHz

Span 40 MHz

Resolution BW 430 kHz

Video BW 1.3 MHz

Center Freq: 5.240000000 GHz

Trig: Free Run

Att: 30 dB

Auto

Radio Stat: None

HS Gain: 0 dB

Radio Device: BTS

Ref Offset 14.11 dB

Ref 20.00 dBm

Mkr1 5.24584 GHz

2.2266 dBm

Center 5.24 GHz

#Res BW 430 kHz

#VBW 1.3 MHz

Span 40 MHz

Sweep 1 ms

Occupied Bandwidth

19.183 MHz

Transmit Freq Error

-29.664 kHz

OBW Power

99.00 %

x dB Bandwidth

21.78 MHz

x dB

-26.00 dB

Auto

Freq Offset

0 Hz

Agilent Spectrum Analyzer - Occupied BW

Freq: 5.745000000 GHz
 Span: 40 MHz
 Res BW: 430 kHz
 #Res BW: 1.3 MHz
 #VBW: 1.3 MHz
 Sweep: 1 ms

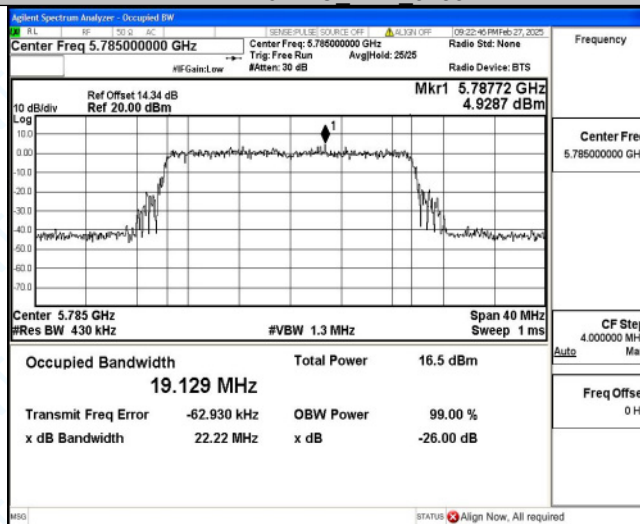
Center Freq: 5.745000000 GHz
 Trig: Free Run
 Avg/Hold: 25/25
 Radio Device: BTS

Ref Offset 14.32 dB
 Ref 20.00 dBm
 Mkr1 5.74564 GHz
 4.6203 dBm

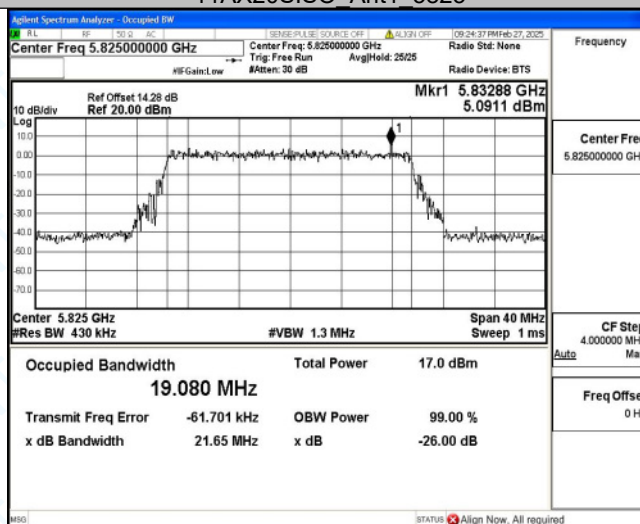
Occupied Bandwidth: 19.238 MHz
 Total Power: 16.8 dBm
 Transmit Freq Error: -80.784 kHz
 OBW Power: 99.00%
 x dB Bandwidth: 22.19 MHz
 x dB: -26.00 dB



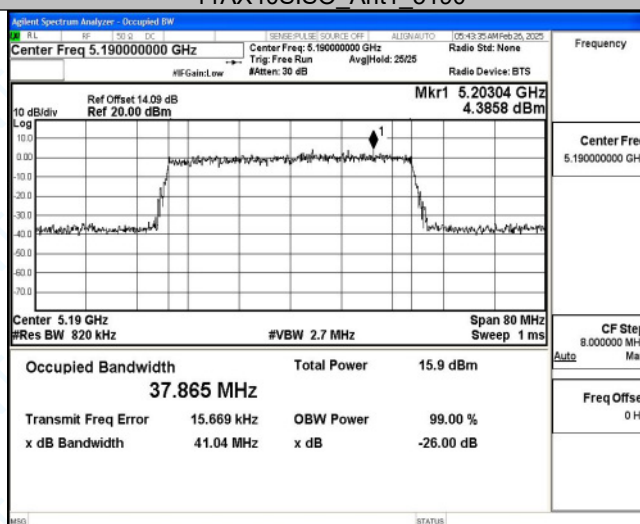
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825

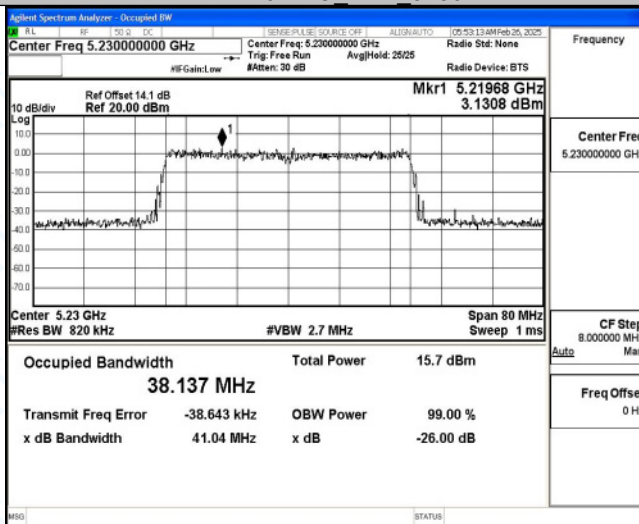


11AX40SISO_Ant1_5190

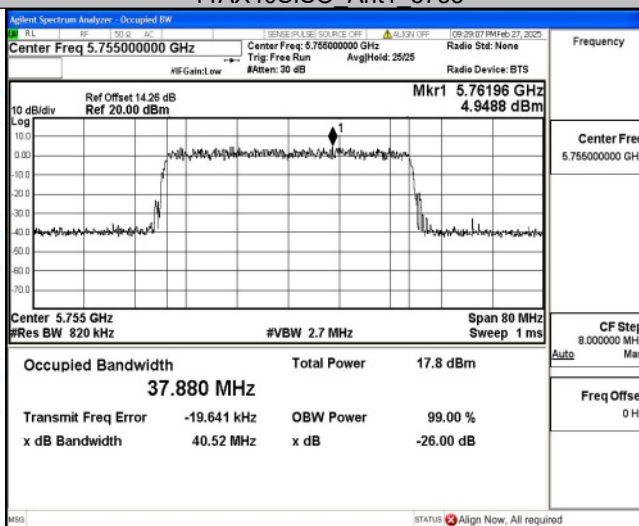




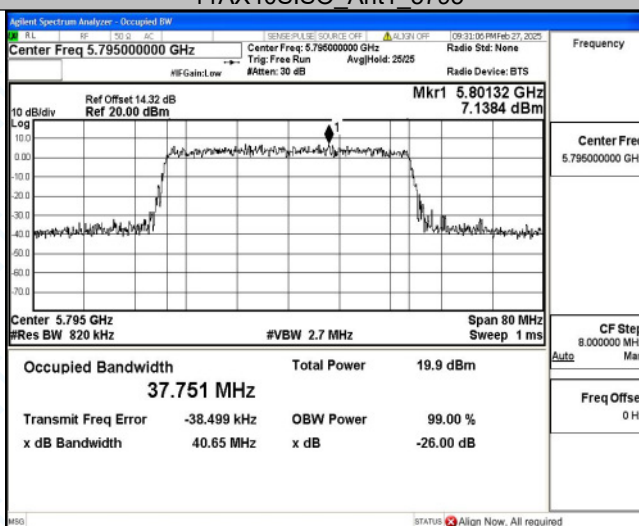
11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



**Appendix D: Maximum conducted output power****Test Result**

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Conducted AVG Power [dBm]	Limit [dBm]
11A	Ant1	5180	7.39	49.32	3.07	10.46	≤23.98
		5200	8.72	49.50	3.05	11.77	≤23.98
		5240	7.62	49.50	3.05	10.67	≤23.98
		5745	8.37	49.55	3.05	11.42	≤30.00
		5785	7.90	49.09	3.09	10.99	≤30.00
		5825	8.51	49.09	3.09	11.60	≤30.00
11N20SI SO	Ant1	5180	7.70	48.64	3.13	10.83	≤23.98
		5200	9.06	48.36	3.16	12.22	≤23.98
		5240	8.06	48.46	3.15	11.21	≤23.98
		5745	8.41	48.18	3.17	11.58	≤30.00
		5785	9.82	48.18	3.17	12.99	≤30.00
		5825	10.80	48.18	3.17	13.97	≤30.00
11N40SI SO	Ant1	5190	10.74	42.82	3.68	14.42	≤23.98
		5230	9.17	42.74	3.69	12.86	≤23.98
		5755	8.66	42.25	3.74	12.40	≤30.00
		5795	8.15	42.25	3.74	11.89	≤30.00
11AC20S ISO	Ant1	5180	5.78	48.54	3.14	8.92	≤23.98
		5200	7.42	48.72	3.12	10.54	≤23.98
		5240	6.39	48.59	3.13	9.52	≤23.98
		5745	8.27	48.18	3.17	11.44	≤30.00
		5785	10.06	48.18	3.17	13.23	≤30.00
		5825	10.37	48.18	3.17	13.54	≤30.00
11AC40S ISO	Ant1	5190	6.80	47.38	3.24	10.04	≤23.98
		5230	9.18	46.69	3.31	12.49	≤23.98
		5755	8.88	46.36	3.34	12.22	≤30.00
		5795	10.64	46.36	3.34	13.98	≤30.00
11AX20S ISO	Ant1	5180	5.22	42.13	3.75	8.97	≤23.98
		5200	6.26	41.89	3.78	10.04	≤23.98
		5240	5.03	42.00	3.77	8.80	≤23.98
		5745	7.89	41.82	3.79	11.68	≤30.00
		5785	7.44	41.82	3.79	11.23	≤30.00
		5825	8.11	41.82	3.79	11.90	≤30.00
11AX40S ISO	Ant1	5190	6.04	42.08	3.76	9.80	≤23.98
		5230	5.77	42.00	3.77	9.54	≤23.98
		5755	8.45	41.82	3.79	12.24	≤30.00
		5795	9.90	41.82	3.79	13.69	≤30.00



Appendix E: Maximum power spectral density

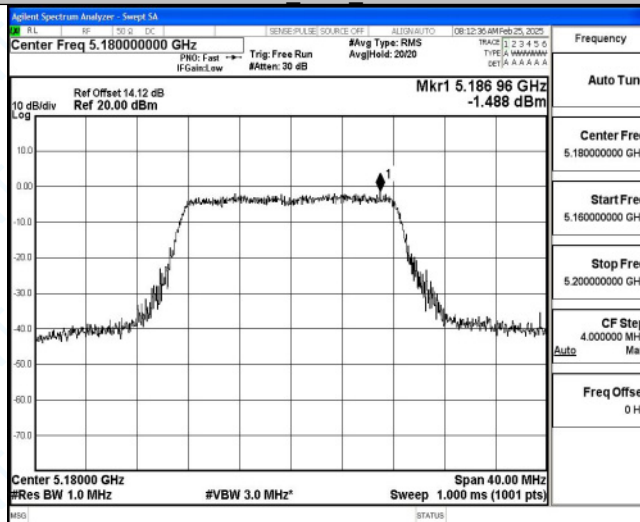
Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	1.58	≤11.00	PASS
		5200	2.77	≤11.00	PASS
		5240	1.11	≤11.00	PASS
		5745	-3.63	≤30.00	PASS
		5785	-1.60	≤30.00	PASS
		5825	-1.66	≤30.00	PASS
11N20SISO	Ant1	5180	1.01	≤11.00	PASS
		5200	2.25	≤11.00	PASS
		5240	0.40	≤11.00	PASS
		5745	-1.37	≤30.00	PASS
		5785	0.11	≤30.00	PASS
		5825	0.69	≤30.00	PASS
11N40SISO	Ant1	5190	1.72	≤11.00	PASS
		5230	3.40	≤11.00	PASS
		5755	-4.05	≤30.00	PASS
		5795	-4.12	≤30.00	PASS
11AC20SISO	Ant1	5180	3.87	≤11.00	PASS
		5200	4.75	≤11.00	PASS
		5240	4.23	≤11.00	PASS
		5745	-0.63	≤30.00	PASS
		5785	0.60	≤30.00	PASS
		5825	0.96	≤30.00	PASS
11AC40SISO	Ant1	5190	3.22	≤11.00	PASS
		5230	2.07	≤11.00	PASS
		5755	-3.18	≤30.00	PASS
		5795	-2.49	≤30.00	PASS
11AX20SISO	Ant1	5180	0.21	≤11.00	PASS
		5200	0.51	≤11.00	PASS
		5240	-0.46	≤11.00	PASS
		5745	-0.56	≤30.00	PASS
		5785	-1.00	≤30.00	PASS
		5825	-1.58	≤30.00	PASS
11AX40SISO	Ant1	5190	-2.22	≤11.00	PASS
		5230	-3.72	≤11.00	PASS
		5755	-3.10	≤30.00	PASS
		5795	-1.19	≤30.00	PASS

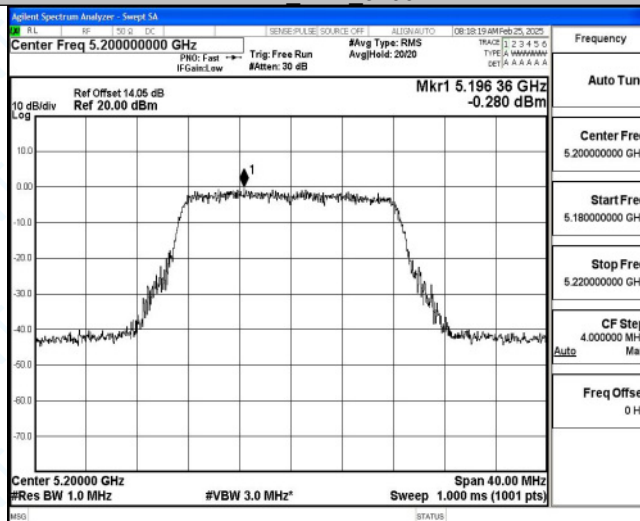


Test Graphs

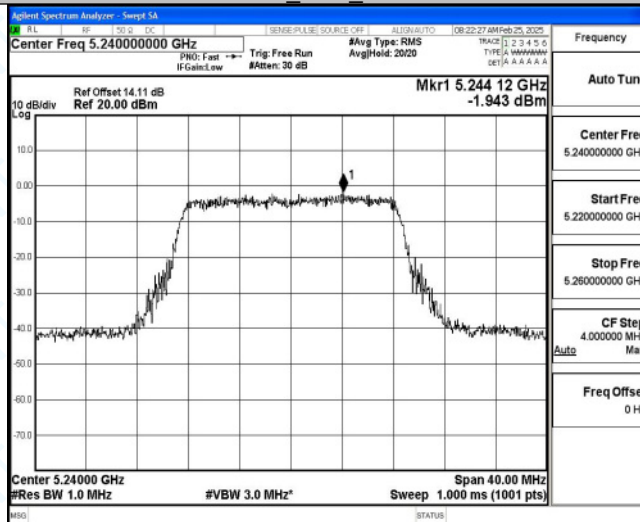
11A Ant1 5180



11A Ant1 5200

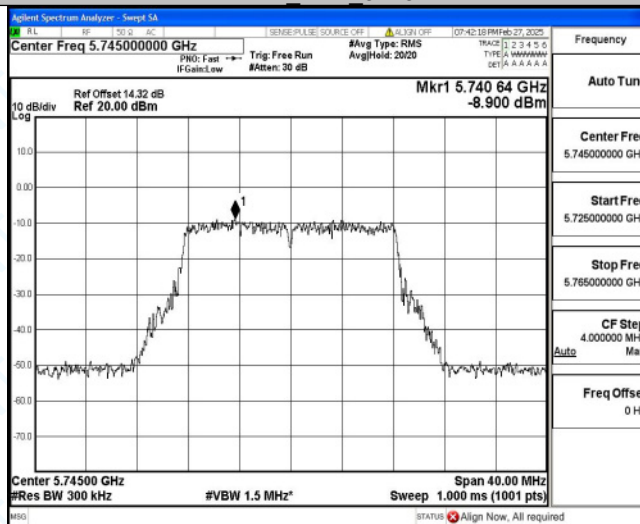


11A Ant1 5240

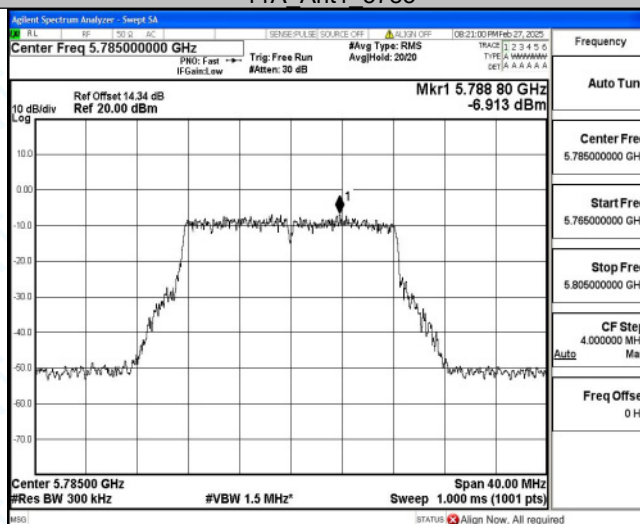




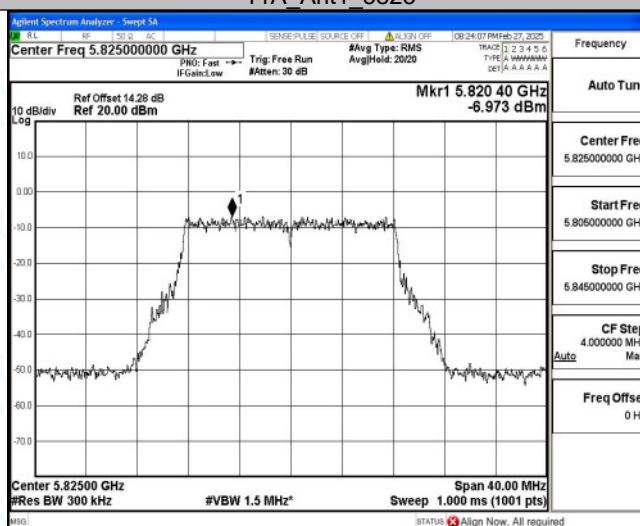
11A Ant1 5745



11A Ant1 5785

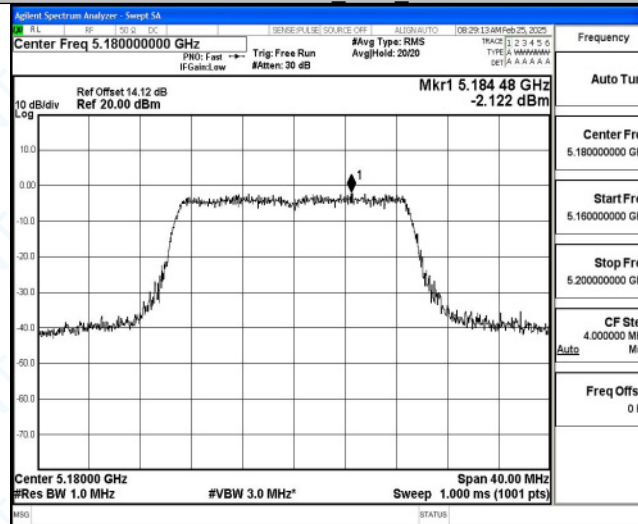


11A Ant1 5825

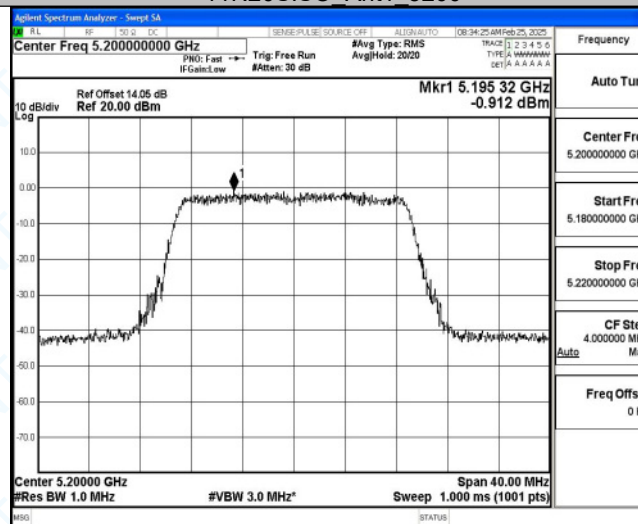




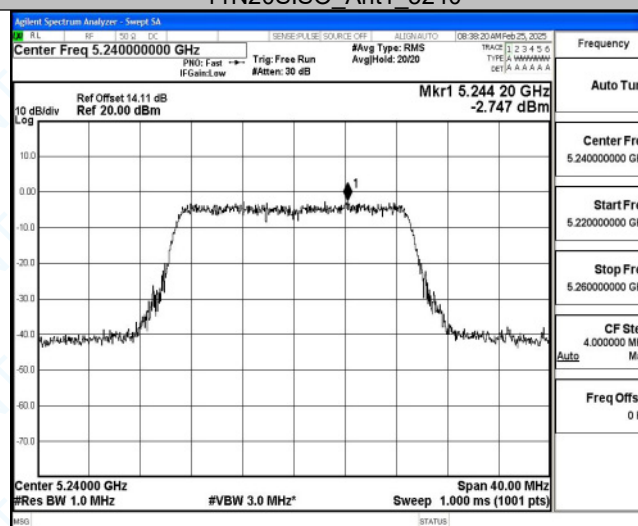
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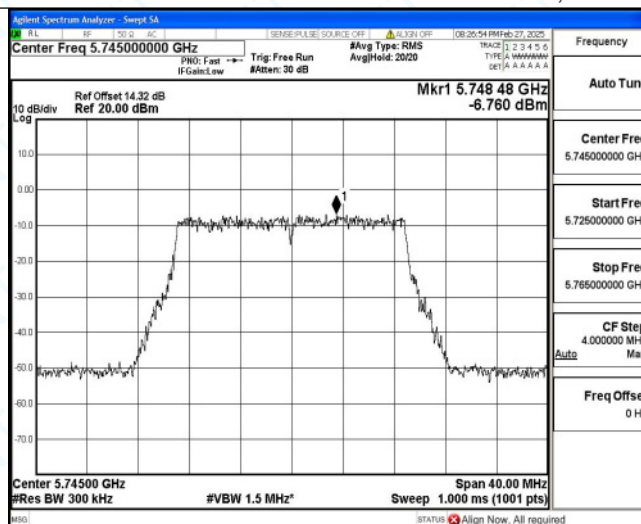
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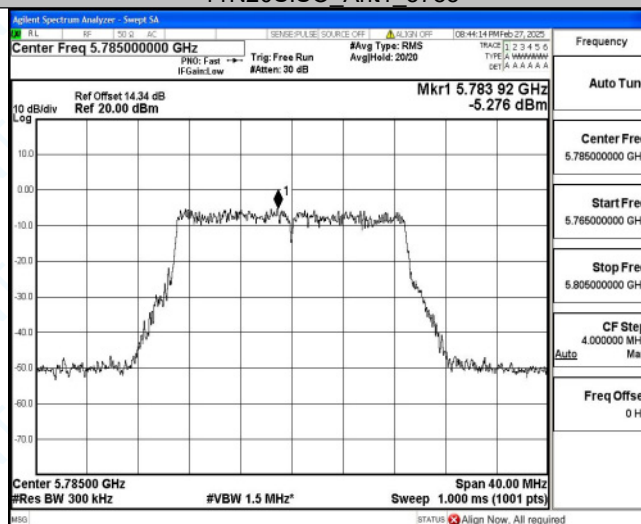
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11N20SISO Ant1 5745



11N20SISO Ant1 5785



11N20SISO Ant1 5825

