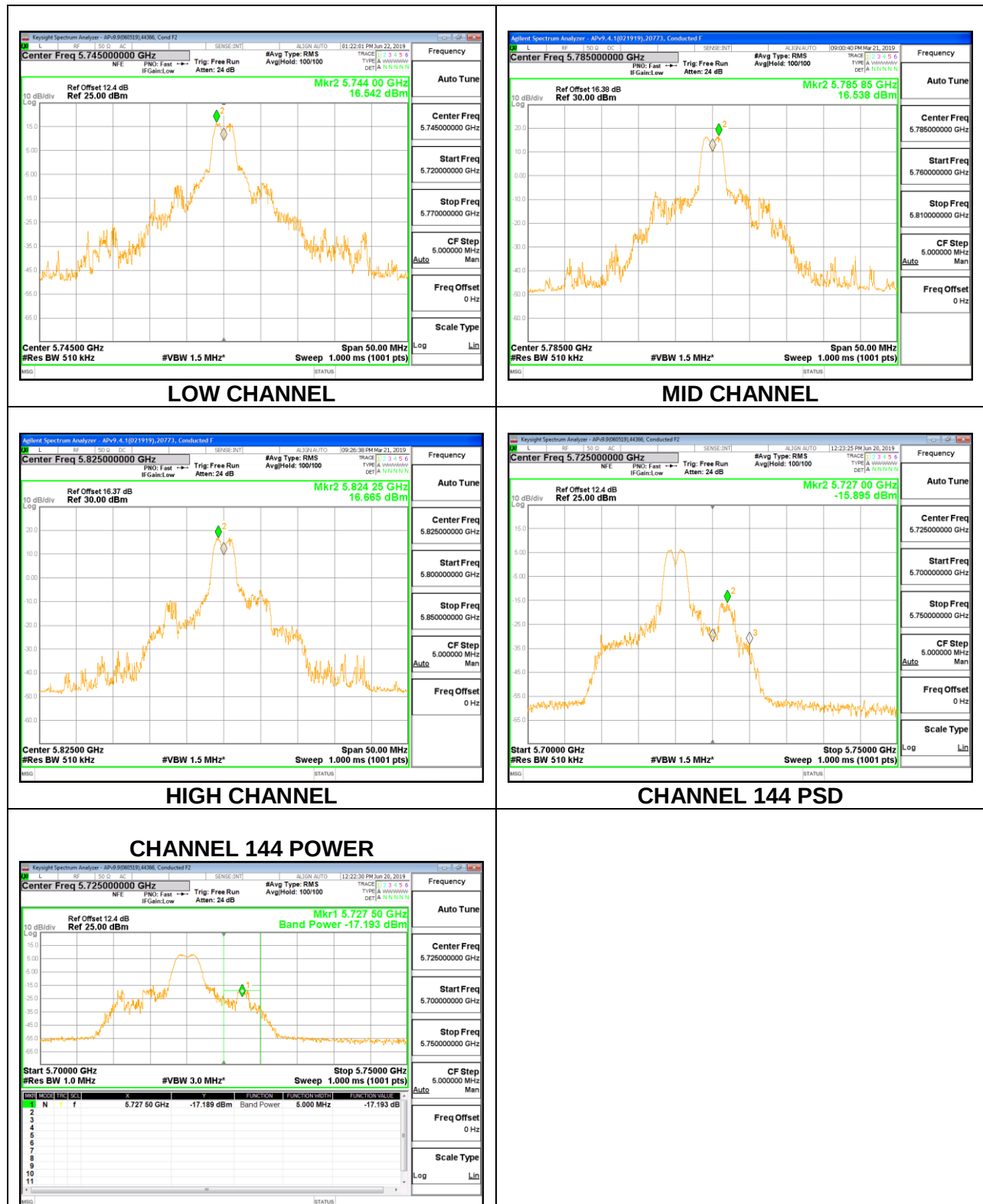




1TX Antenna 5 MODE (FCC) – 26 Tones, RU Index 8**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-1.70	30.00	30.00
Mid	5785	-1.70	30.00	30.00
High	5825	-1.70	30.00	30.00
144	5720	-1.70	30.00	30.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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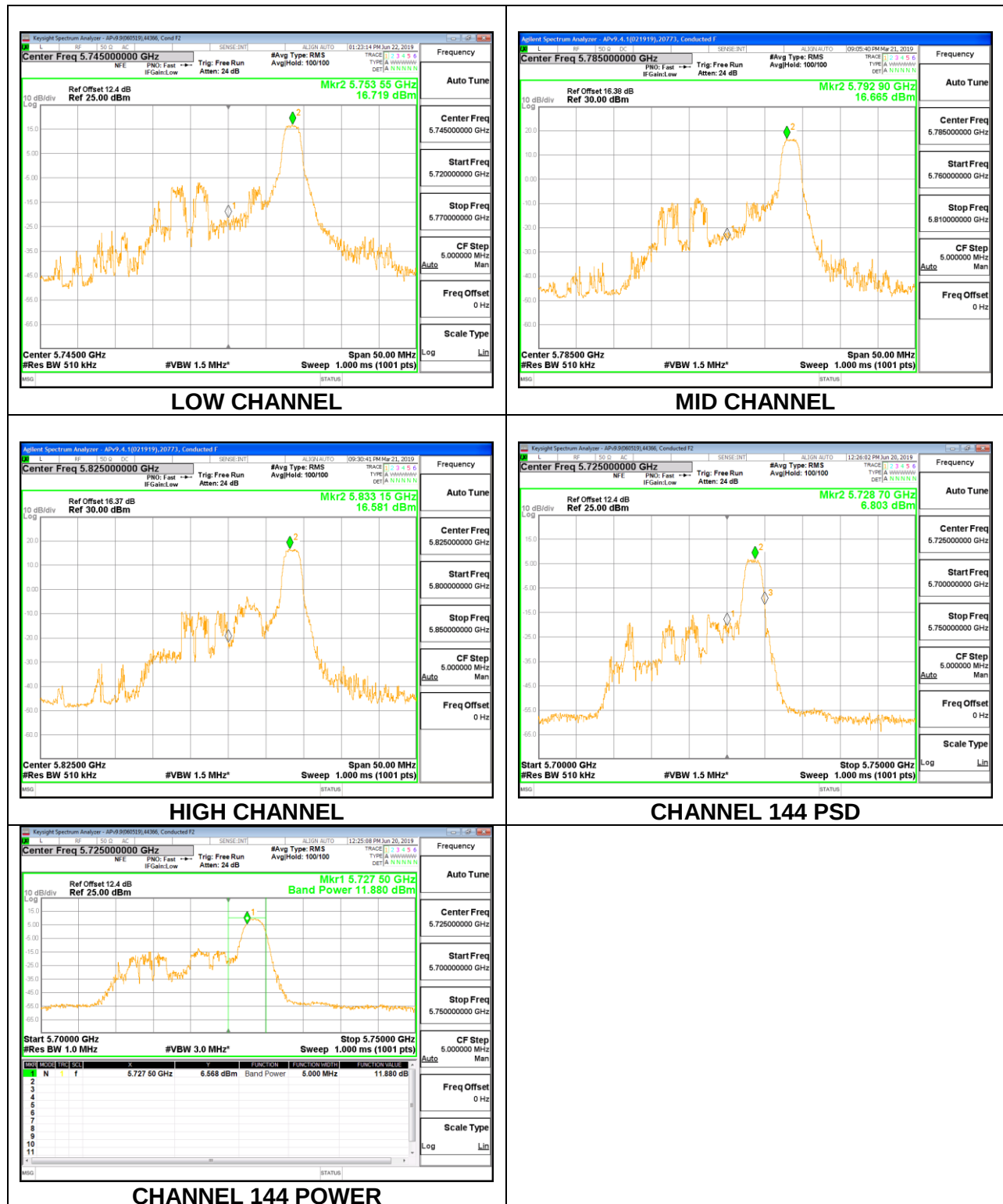
Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.220	21.220	30.00	-8.78
Mid	5785	21.210	21.210	30.00	-8.79
High	5825	21.200	21.200	30.00	-8.80
144	5720	11.880	11.880	30.00	-18.12

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	16.719	16.719	30.00	-13.28
Mid	5785	16.665	16.665	30.00	-13.34
High	5825	16.581	16.581	30.00	-13.42
144	5720	6.803	6.803	30.00	-23.20

Note: PSD tested at higher power



Antenna 4 + Antenna 5 OFDMA MODE (FCC) – 242 Tones, RU Index 61**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-2.74	0.19	30.00	30.00
Mid	5785	-2.74	0.19	30.00	30.00
High	5825	-2.74	0.19	30.00	30.00
144	5720	-2.74	0.19	30.00	30.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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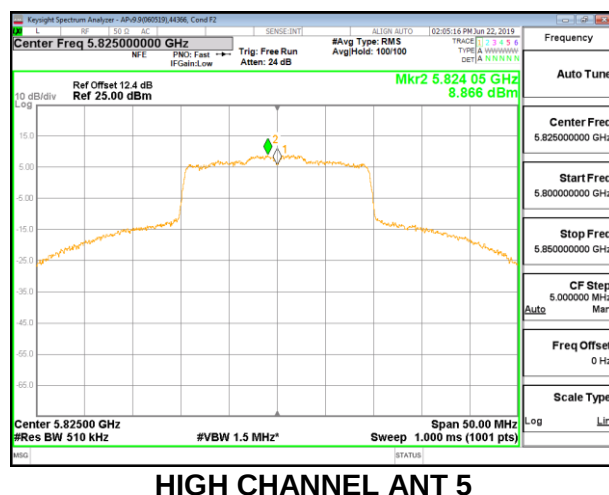
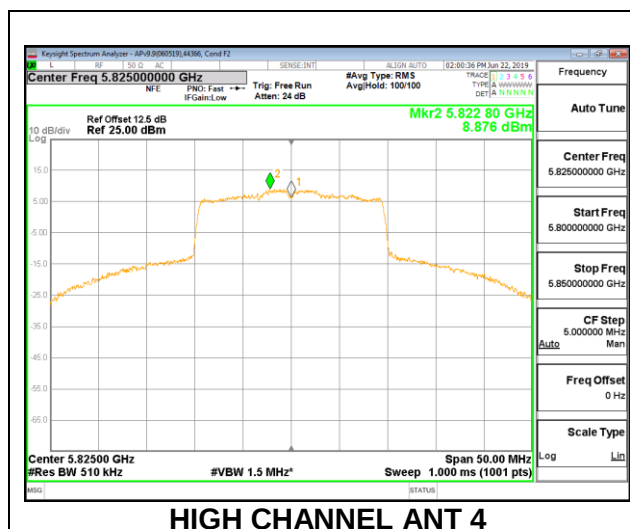
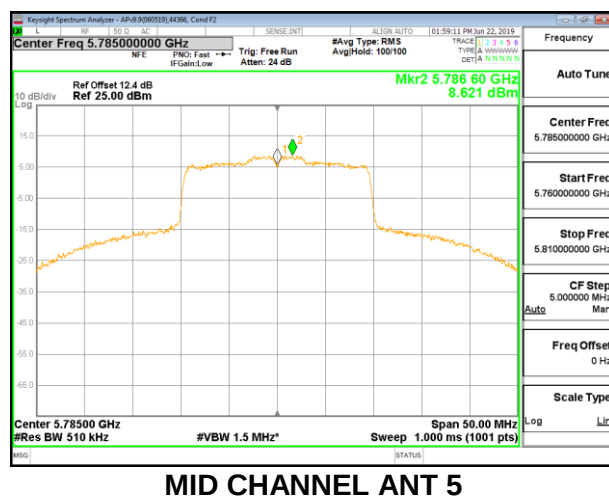
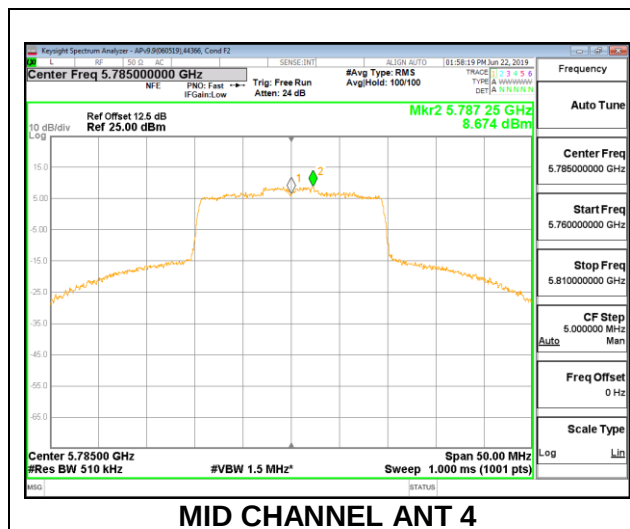
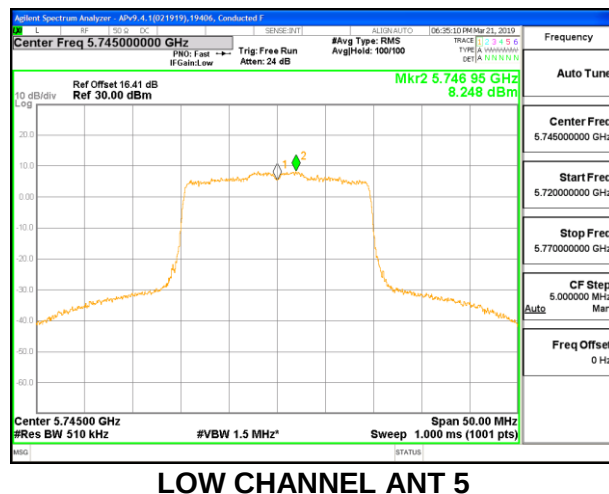
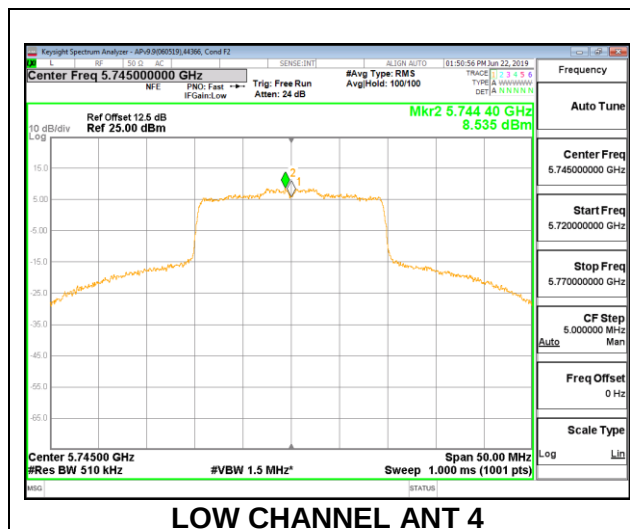
Output Power Results

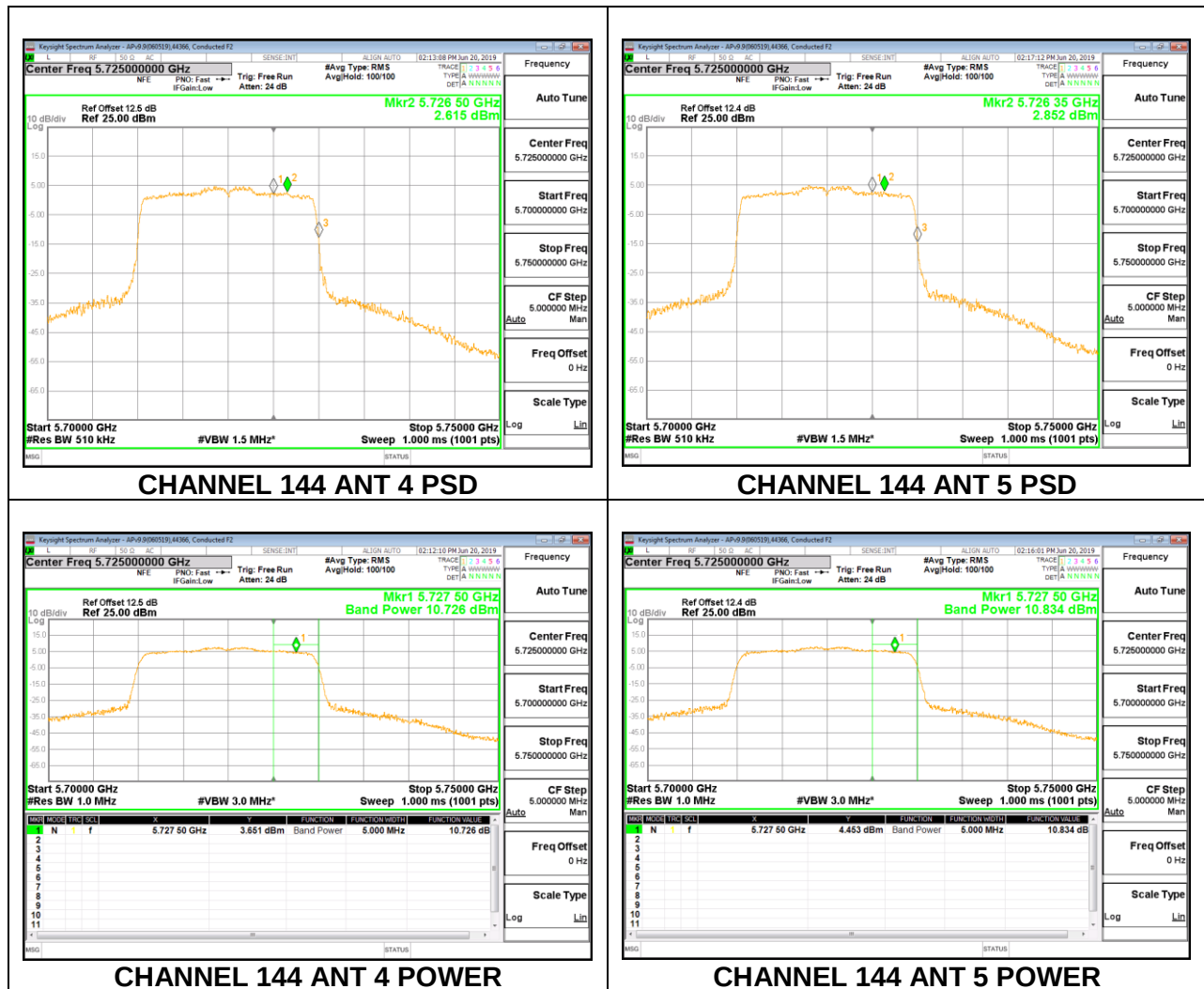
Channel	Frequency (MHz)	Ant 4 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.160	21.130	24.155	30.00	-5.84
Mid	5785	21.200	21.190	24.205	30.00	-5.79
High	5825	21.200	21.220	24.220	30.00	-5.78
144	5720	17.894	17.981	20.948	30.00	-9.05

PSD Results

Channel	Frequency (MHz)	Ant 4 Meas PSD (dBm/ 1MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	8.535	8.248	11.404	30.00	-18.60
Mid	5785	8.674	8.621	11.658	30.00	-18.34
High	5825	8.876	8.866	11.881	30.00	-18.12
144	5720	2.615	2.852	5.745	30.00	-24.25

Note: PSD tested at higher power





2TX Antenna 4 + Antenna 5 OFDMA MODE (FCC) – 26 Tones, RU Index 0**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-2.74	0.19	30.00	30.00
Mid	5785	-2.74	0.19	30.00	30.00
High	5825	-2.74	0.19	30.00	30.00
144	5720	-2.74	0.19	30.00	30.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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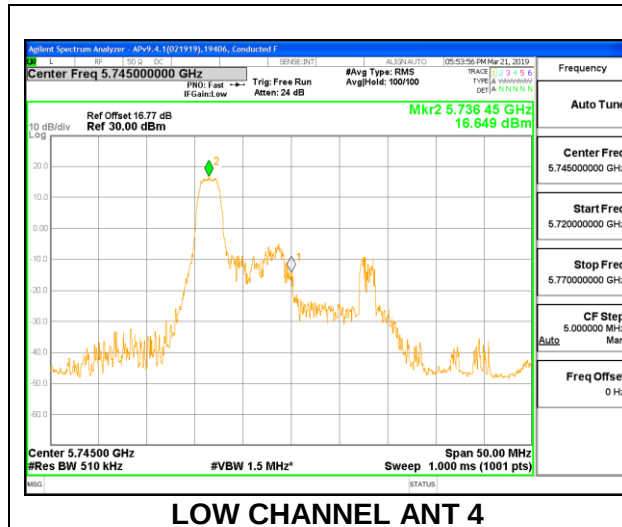
Output Power Results

Channel	Frequency (MHz)	Ant 4 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.150	21.140	24.155	30.00	-5.84
Mid	5785	21.150	21.130	24.150	30.00	-5.85
High	5825	21.180	21.200	24.200	30.00	-5.80
144	5720	-30.085	-29.727	-26.892	30.00	-56.89

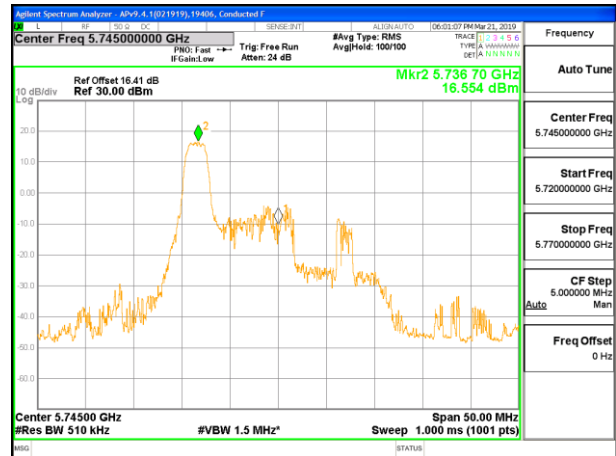
PSD Results

Channel	Frequency (MHz)	Ant 4 Meas PSD (dBm/ 1MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	16.649	16.554	19.612	30.00	-10.39
Mid	5785	16.614	16.538	19.586	30.00	-10.41
High	5825	16.909	17.121	20.027	30.00	-9.97
144	5720	-20.100	-20.688	-17.374	30.00	-47.37

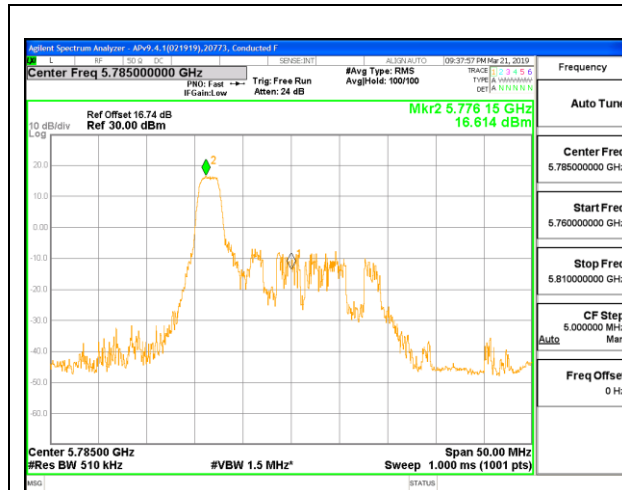
Note: PSD tested at higher power



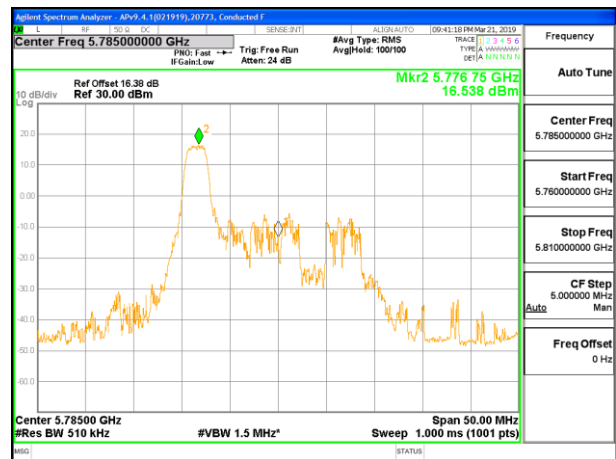
LOW CHANNEL ANT 4



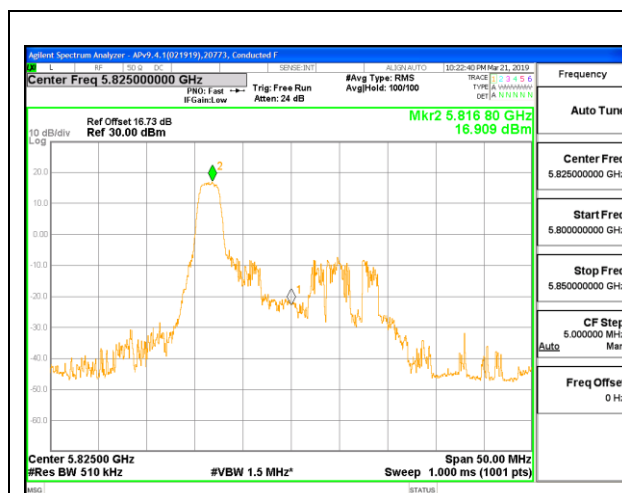
LOW CHANNEL ANT 5



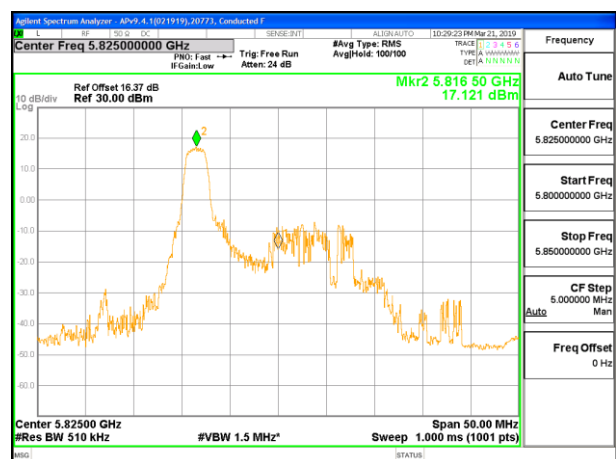
MID CHANNEL ANT 4



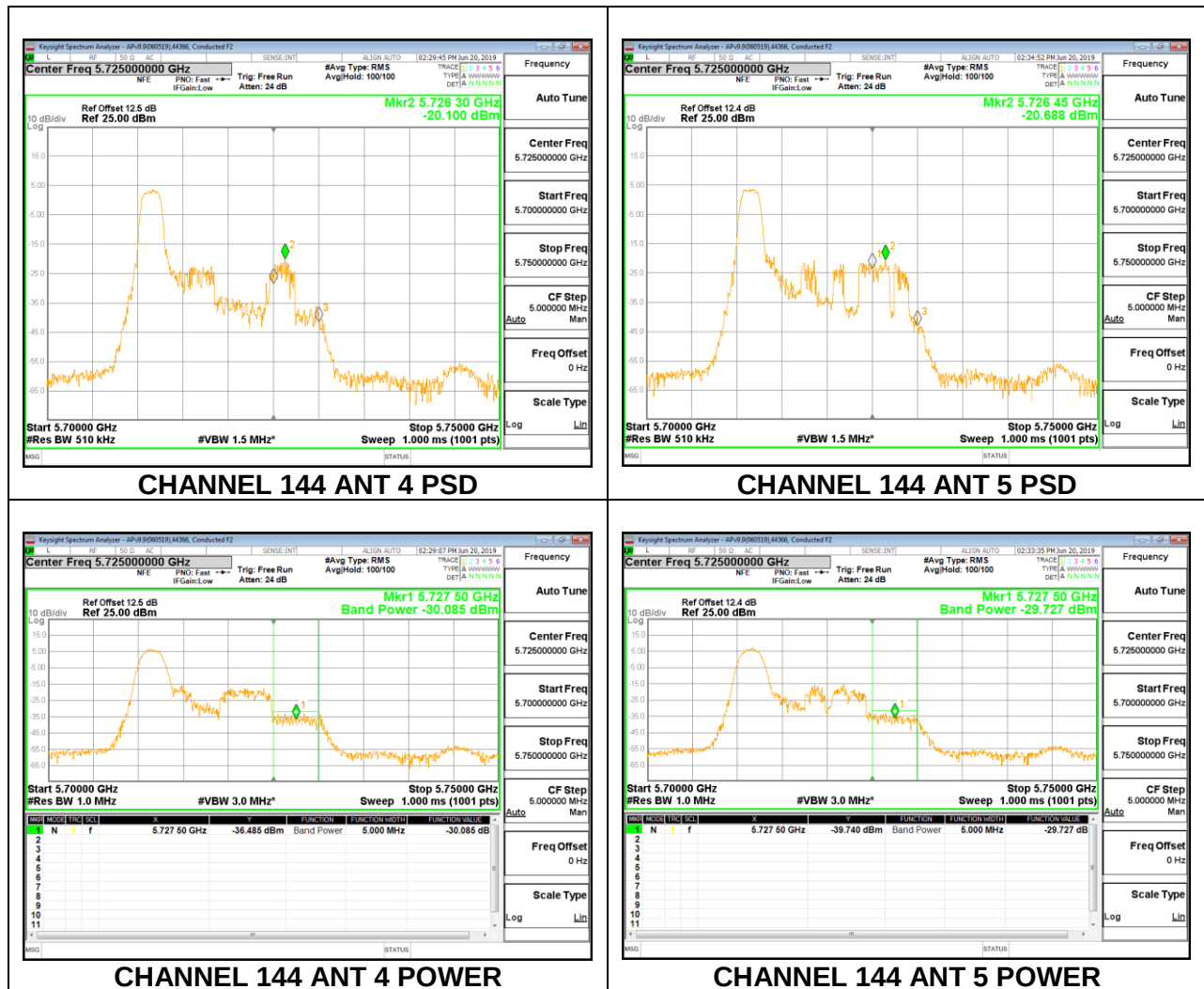
MID CHANNEL ANT 5



HIGH CHANNEL ANT 4



HIGH CHANNEL ANT 5



2TX Antenna 4 + Antenna 5 OFDMA MODE (FCC) – 26 Tones, RU Index 4**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-2.74	0.19	30.00	30.00
Mid	5785	-2.74	0.19	30.00	30.00
High	5825	-2.74	0.19	30.00	30.00
144	5720	-2.74	0.19	30.00	30.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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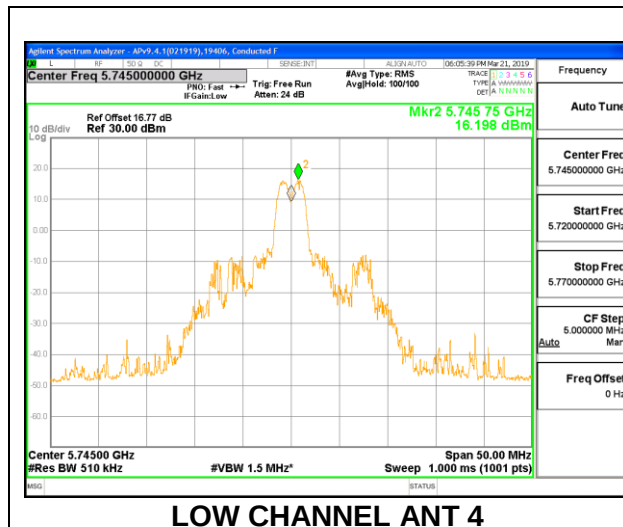
Output Power Results

Channel	Frequency (MHz)	Ant 4 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.130	21.110	24.130	30.00	-5.87
Mid	5785	21.180	21.180	24.190	30.00	-5.81
High	5825	21.190	21.150	24.180	30.00	-5.82
144	5720	-21.837	-17.930	-16.448	30.00	-46.45

PSD Results

Channel	Frequency (MHz)	Ant 4 Meas PSD (dBm/ 1MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	16.198	16.086	19.153	30.00	-10.85
Mid	5785	16.615	16.512	19.574	30.00	-10.43
High	5825	16.768	16.409	19.603	30.00	-10.40
144	5720	-21.597	-29.104	-20.887	30.00	-50.89

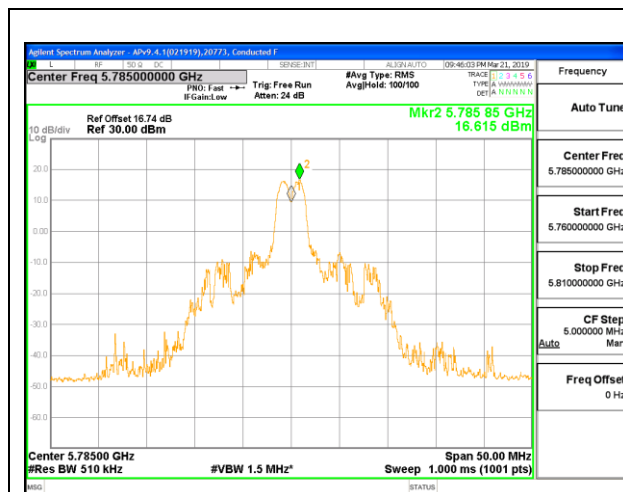
Note: PSD tested at higher power



LOW CHANNEL ANT 4



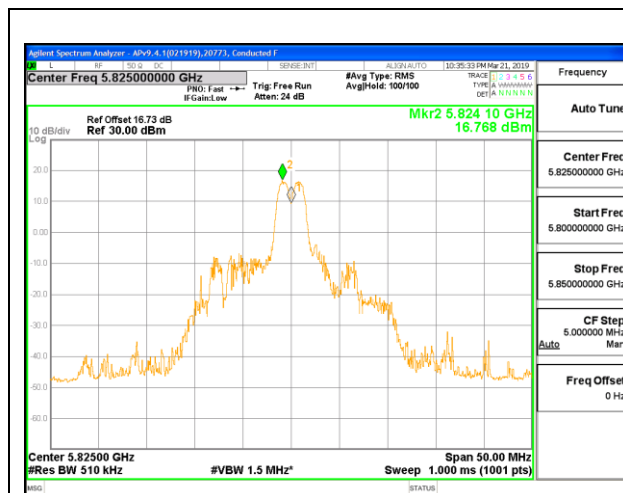
LOW CHANNEL ANT 5



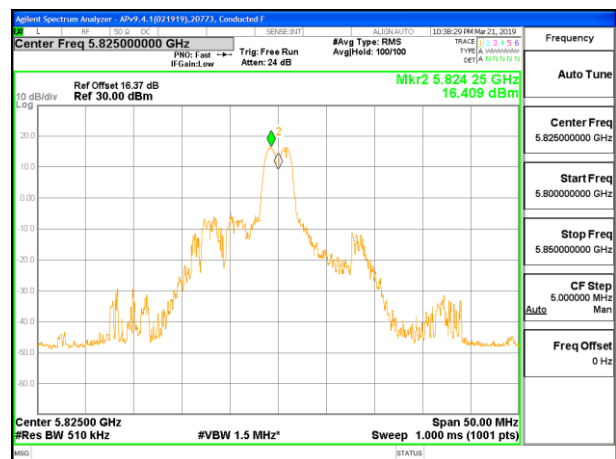
MID CHANNEL ANT 4



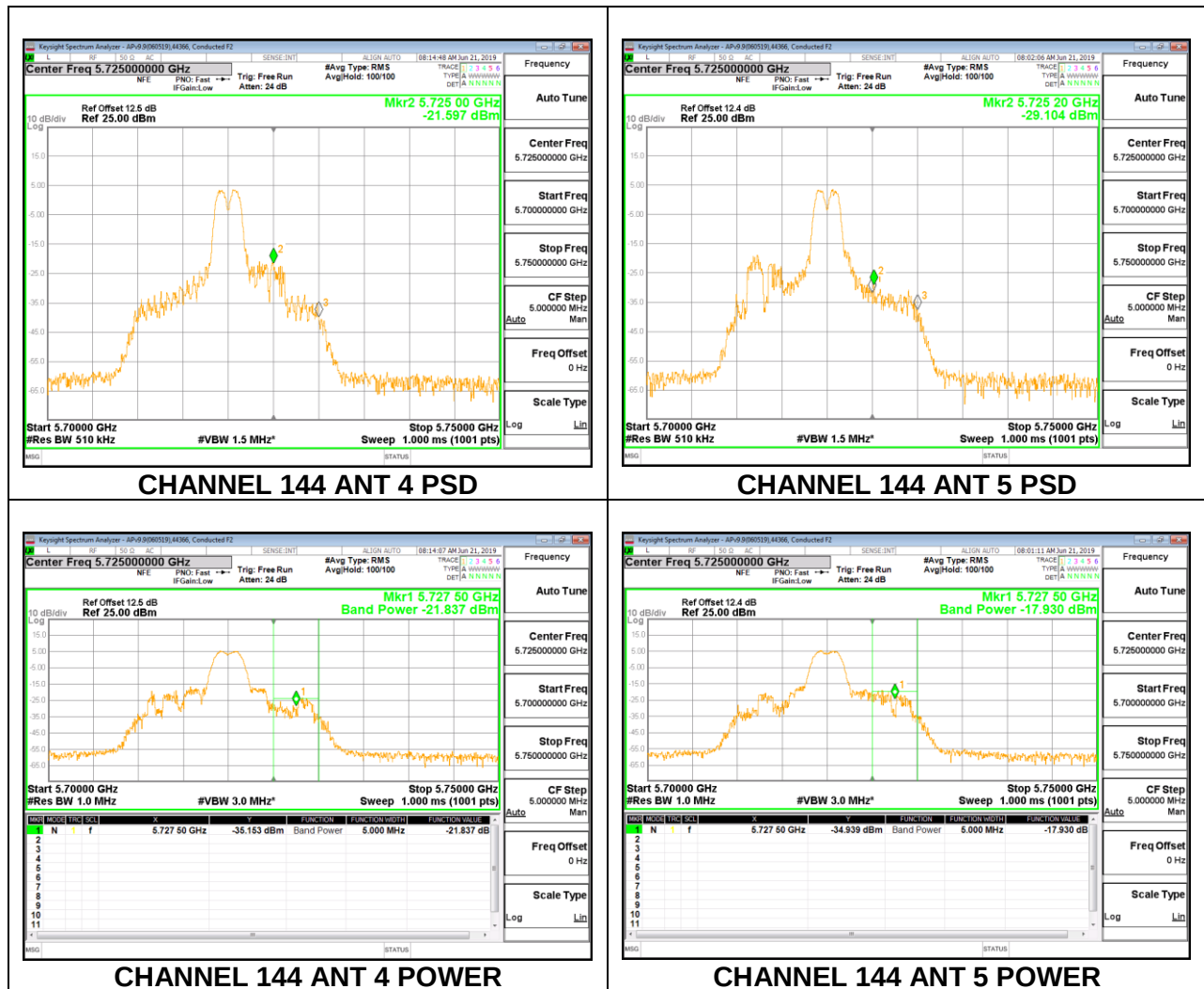
MID CHANNEL ANT 5



HIGH CHANNEL ANT 4



HIGH CHANNEL ANT 5



2TX Antenna 4 + Antenna 5 OFDMA MODE (FCC) – 26 Tones, RU Index 8**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-2.74	0.19	30.00	30.00
Mid	5785	-2.74	0.19	30.00	30.00
High	5825	-2.74	0.19	30.00	30.00
144	5720	-2.74	0.19	30.00	30.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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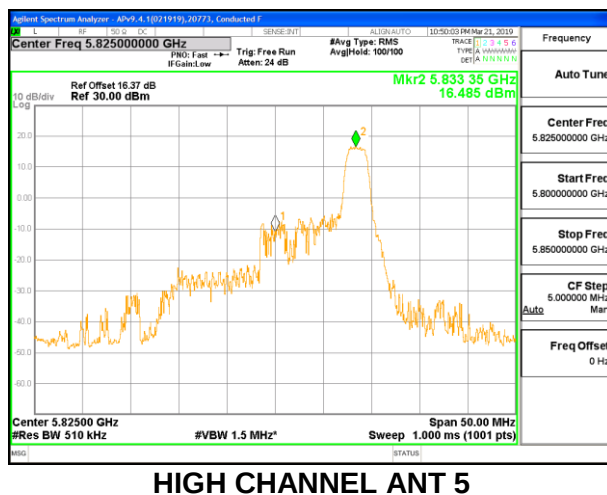
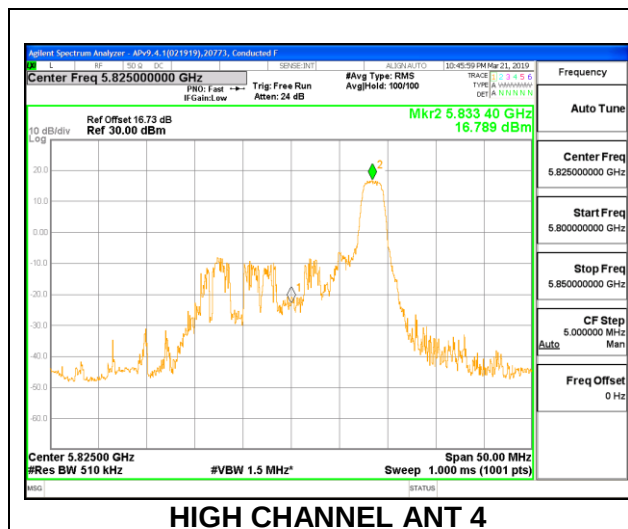
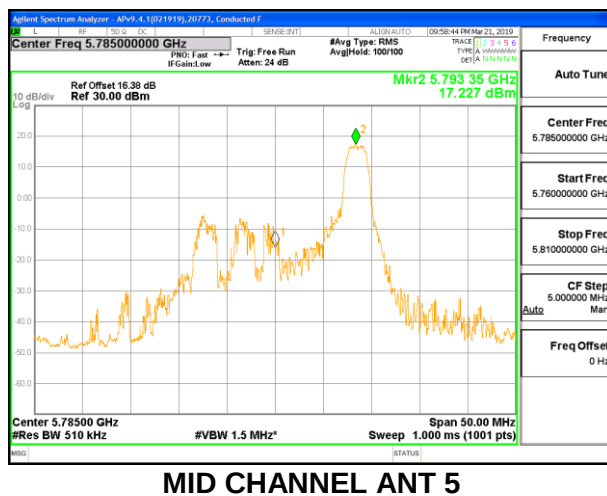
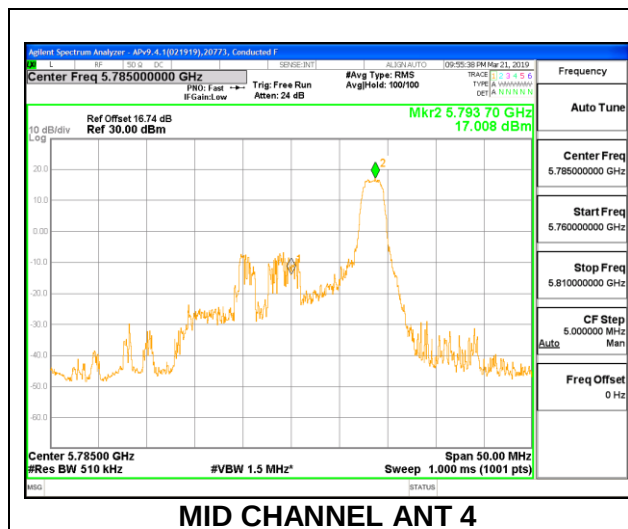
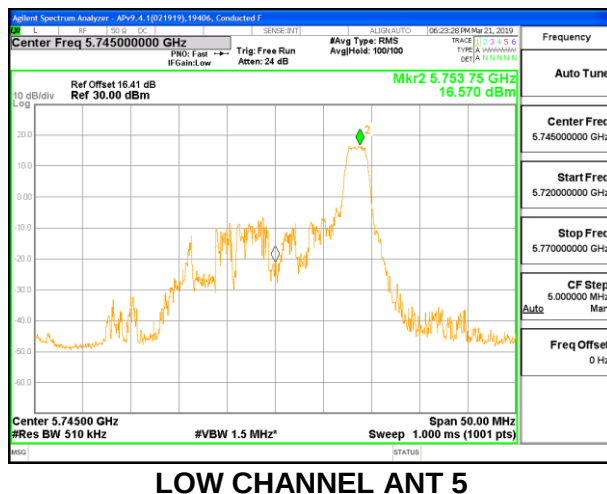
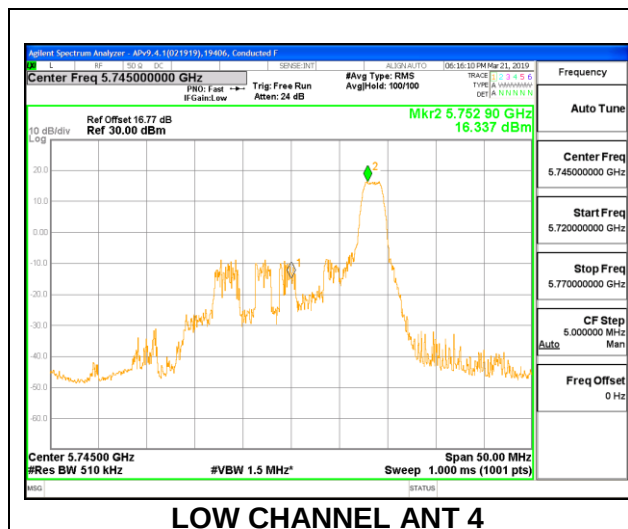
Output Power Results

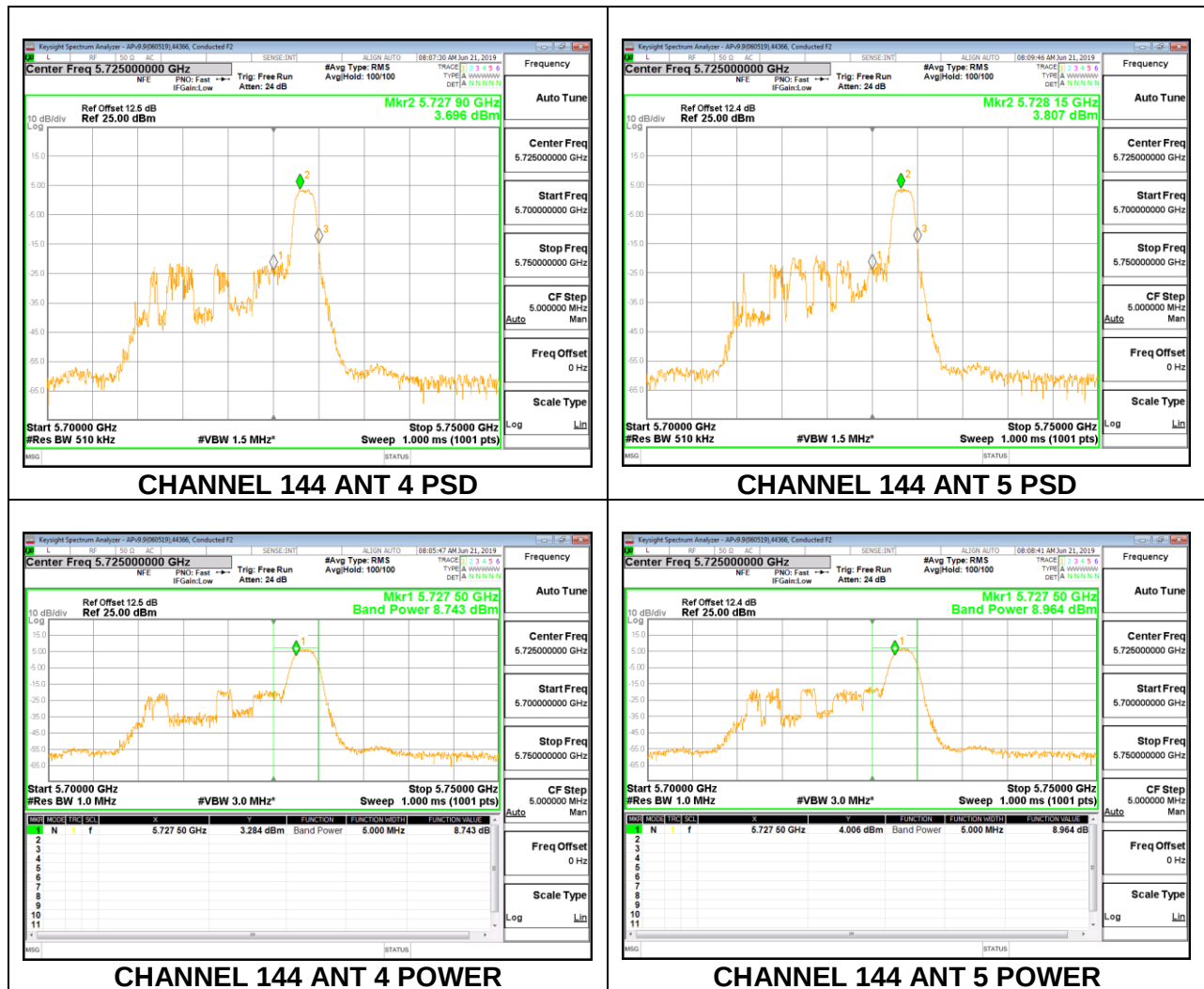
Channel	Frequency (MHz)	Ant 4 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.130	21.150	24.150	30.00	-5.85
Mid	5785	21.210	21.230	24.230	30.00	-5.77
High	5825	21.170	21.150	24.170	30.00	-5.83
144	5720	8.743	8.964	11.865	30.00	-18.13

PSD Results

Channel	Frequency (MHz)	Ant 4 Meas PSD (dBm/ 1MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	16.337	16.570	19.465	30.00	-10.53
Mid	5785	17.008	17.227	20.129	30.00	-9.87
High	5825	16.789	16.485	19.650	30.00	-10.35
144	5720	3.696	3.807	6.762	30.00	-23.24

Note: PSD tested at higher power





8.5.23. 802.11ax HE40 MODE IN THE 5.8 GHz BAND**1TX Antenna 4 MODE (FCC) – 484 Tones, RU Index 65****Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-4.10	30.00	30.00
High	5795	-4.10	30.00	30.00
142	5710	-4.10	30.00	30.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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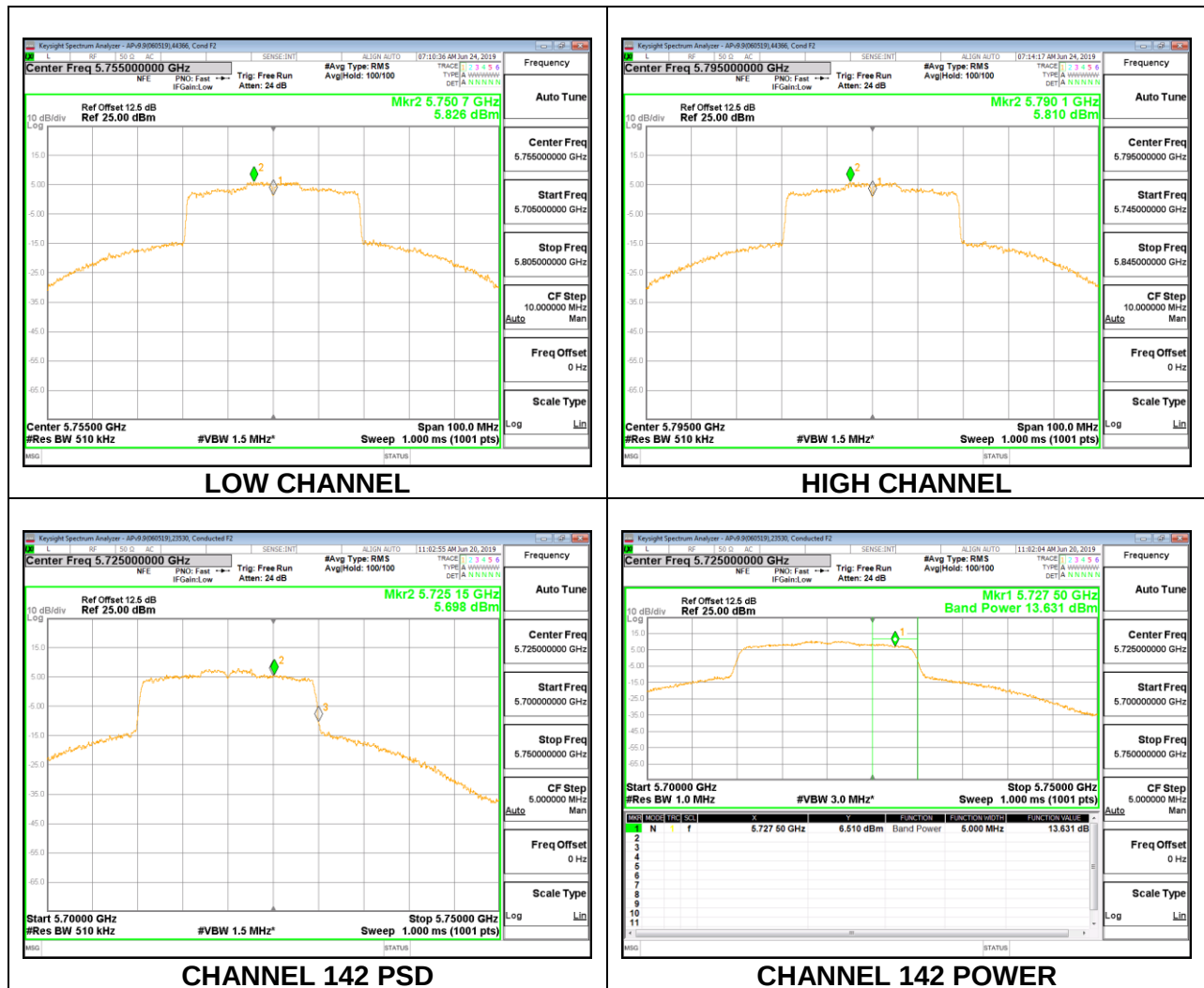
Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.170	21.170	30.00	-8.83
High	5795	21.160	21.160	30.00	-8.84
142	5710	13.631	13.631	30.00	-16.37

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	5.826	5.826	30.00	-24.17
High	5795	5.810	5.810	30.00	-24.19
142	5710	5.698	5.698	30.00	-24.30

Note: Low, High Ch. PSD tested at higher power.



1TX Antenna 4 MODE (FCC) – 26 Tones, RU Index 0**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-4.10	30.00	30.00
High	5795	-4.10	30.00	30.00
142	5710	-4.10	30.00	30.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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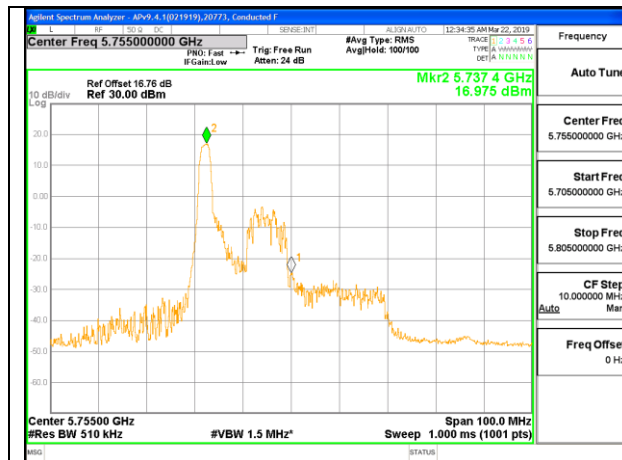
Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.190	21.190	30.00	-8.81
High	5795	21.170	21.170	30.00	-8.83
142	5710	-32.869	-32.869	30.00	-62.87

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	16.975	16.975	30.00	-13.03
High	5795	16.792	16.792	30.00	-13.21
142	5710	-38.755	-38.755	30.00	-68.76

Note: Low, High Ch. PSD tested at higher power.



LOW CHANNEL



HIGH CHANNEL



CHANNEL 142 PSD



CHANNEL 142 POWER

1TX Antenna 4 MODE (FCC) – 26 Tones, RU Index 8**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-4.10	30.00	30.00
High	5795	-4.10	30.00	30.00
142	5710	-4.10	30.00	30.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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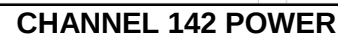
Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.180	21.180	30.00	-8.82
High	5795	21.150	21.150	30.00	-8.85
142	5710	-31.116	-31.12	30.00	-61.12

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	16.859	16.859	30.00	-13.14
High	5795	16.565	16.565	30.00	-13.44
142	5710	-37.829	-37.829	30.00	-67.83

Note: Low, High Ch. PSD tested at higher power.



1TX Antenna 4 MODE (FCC) – 26 Tones, RU Index 17**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-4.10	30.00	30.00
High	5795	-4.10	30.00	30.00
142	5710	-4.10	30.00	30.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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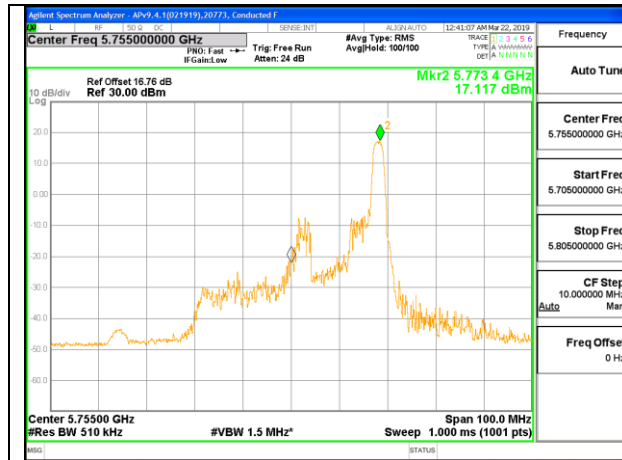
Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.220	21.220	30.00	-8.78
High	5795	21.190	21.190	30.00	-8.81
142	5710	11.664	11.664	30.00	-18.34

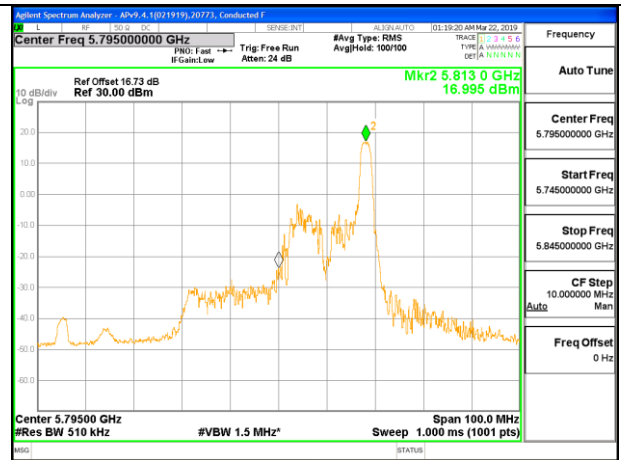
PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	17.117	17.117	30.00	-12.88
High	5795	16.995	16.995	30.00	-13.01
142	5710	6.265	6.265	30.00	-23.74

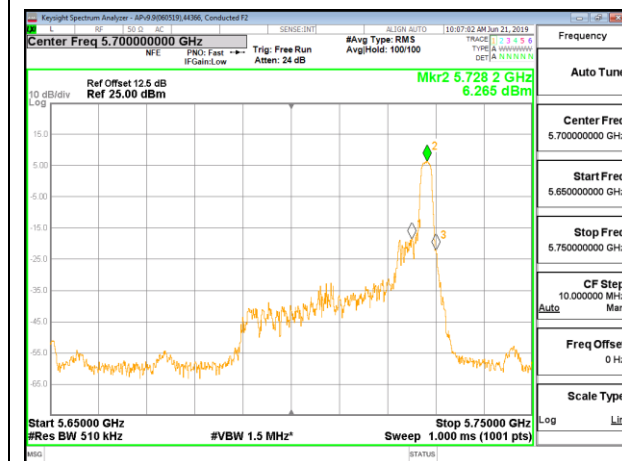
Note: Low, High Ch. PSD tested at higher power.



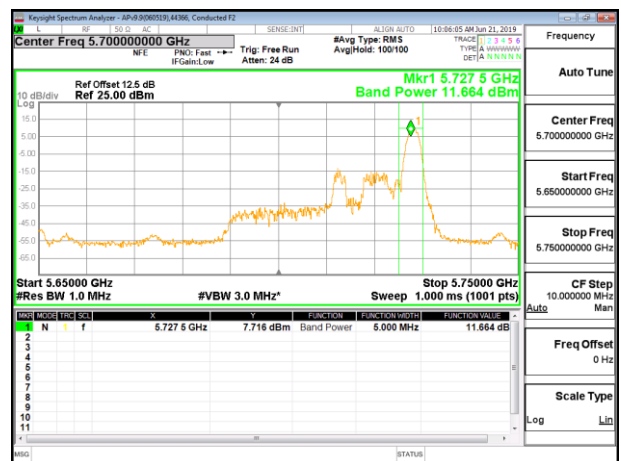
LOW CHANNEL



HIGH CHANNEL



CHANNEL 142 PSD



CHANNEL 142 POWER

1TX Antenna 5 MODE (FCC) – 484 Tones, RU Index 65**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-1.70	30.00	30.00
High	5795	-1.70	30.00	30.00
142	5710	-1.70	30.00	30.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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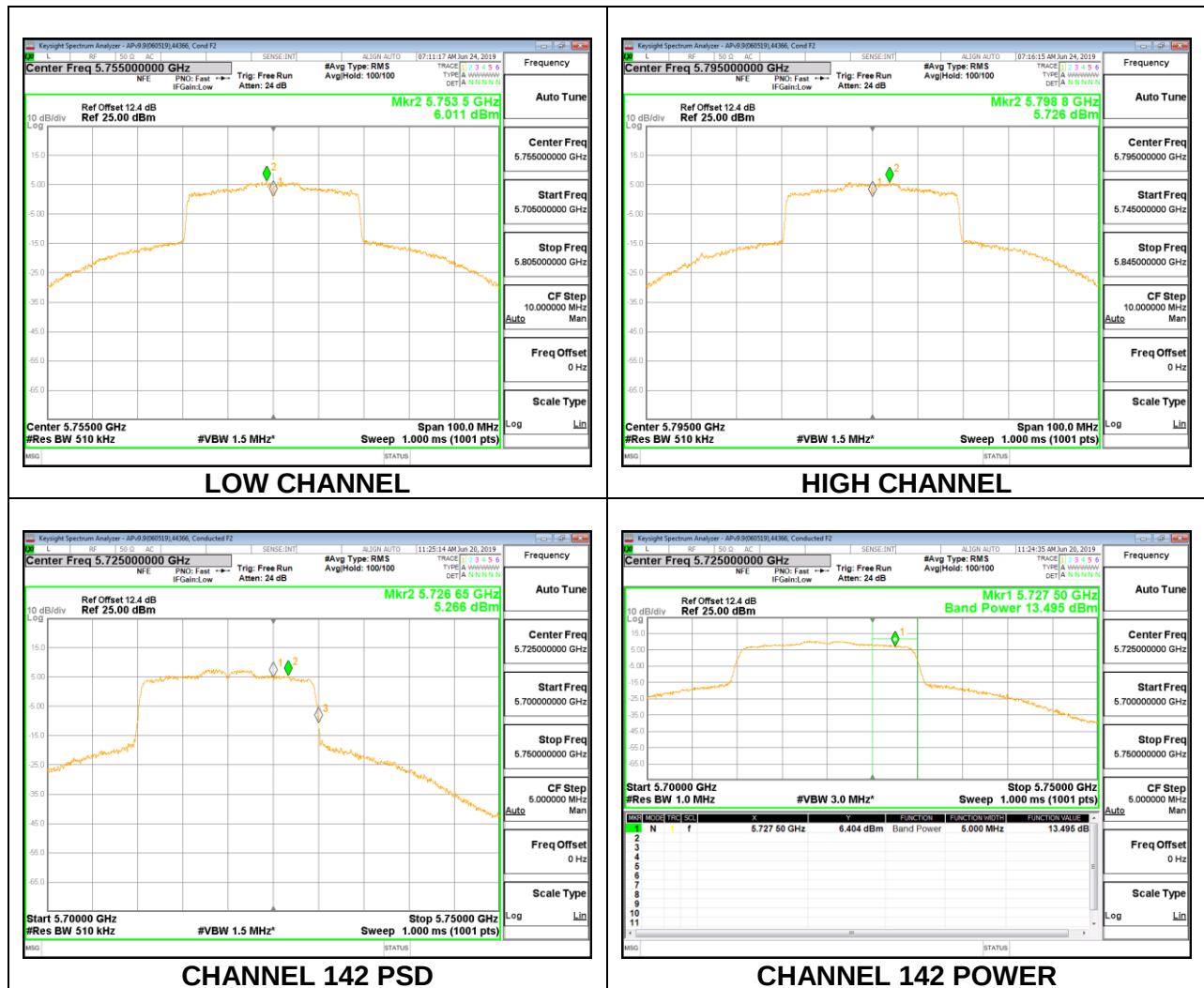
Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.210	21.210	30.00	-8.79
High	5795	21.180	21.180	30.00	-8.82
142	5710	13.495	13.495	30.00	-16.51

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	6.011	6.011	30.00	-23.99
High	5795	5.726	5.726	30.00	-24.27
142	5710	5.266	5.266	30.00	-24.73

Note: Low, High Ch. PSD tested at higher power.



1TX Antenna 5 MODE (FCC) – 26 Tones, RU Index 0**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-1.70	30.00	30.00
High	5795	-1.70	30.00	30.00
142	5710	-1.70	30.00	30.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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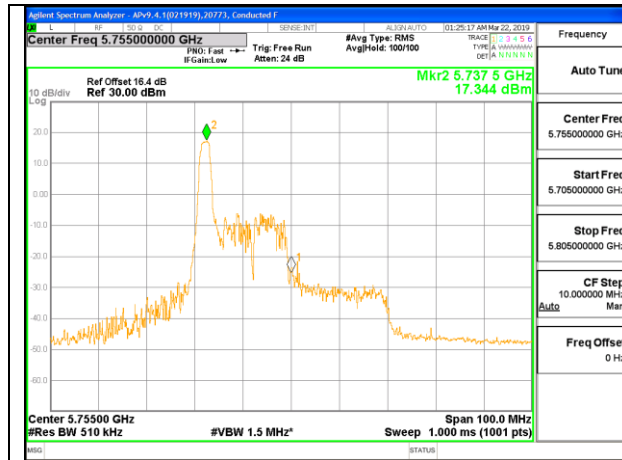
Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.170	21.170	30.00	-8.83
High	5795	21.110	21.110	30.00	-8.89
142	5710	-33.522	-33.522	30.00	-63.52

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	17.344	17.344	30.00	-12.66
High	5795	16.960	16.960	30.00	-13.04
142	5710	-40.051	-40.051	30.00	-70.05

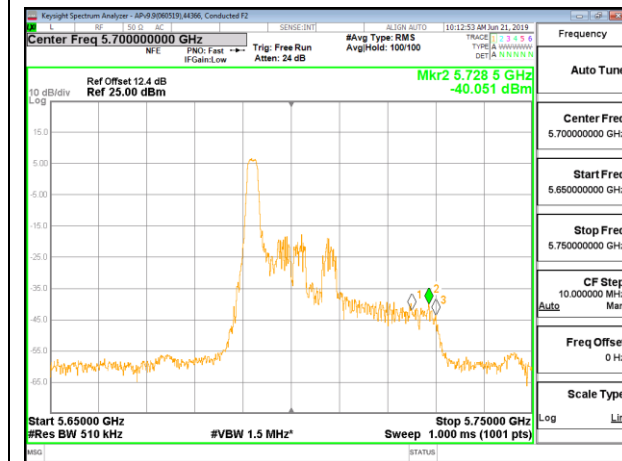
Note: Low, High Ch. PSD tested at higher power.



LOW CHANNEL



HIGH CHANNEL



CHANNEL 142 PSD



CHANNEL 142 POWER

1TX Antenna 5 MODE (FCC) – 26 Tones, RU Index 8**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-1.70	30.00	30.00
High	5795	-1.70	30.00	30.00
142	5710	-1.70	30.00	30.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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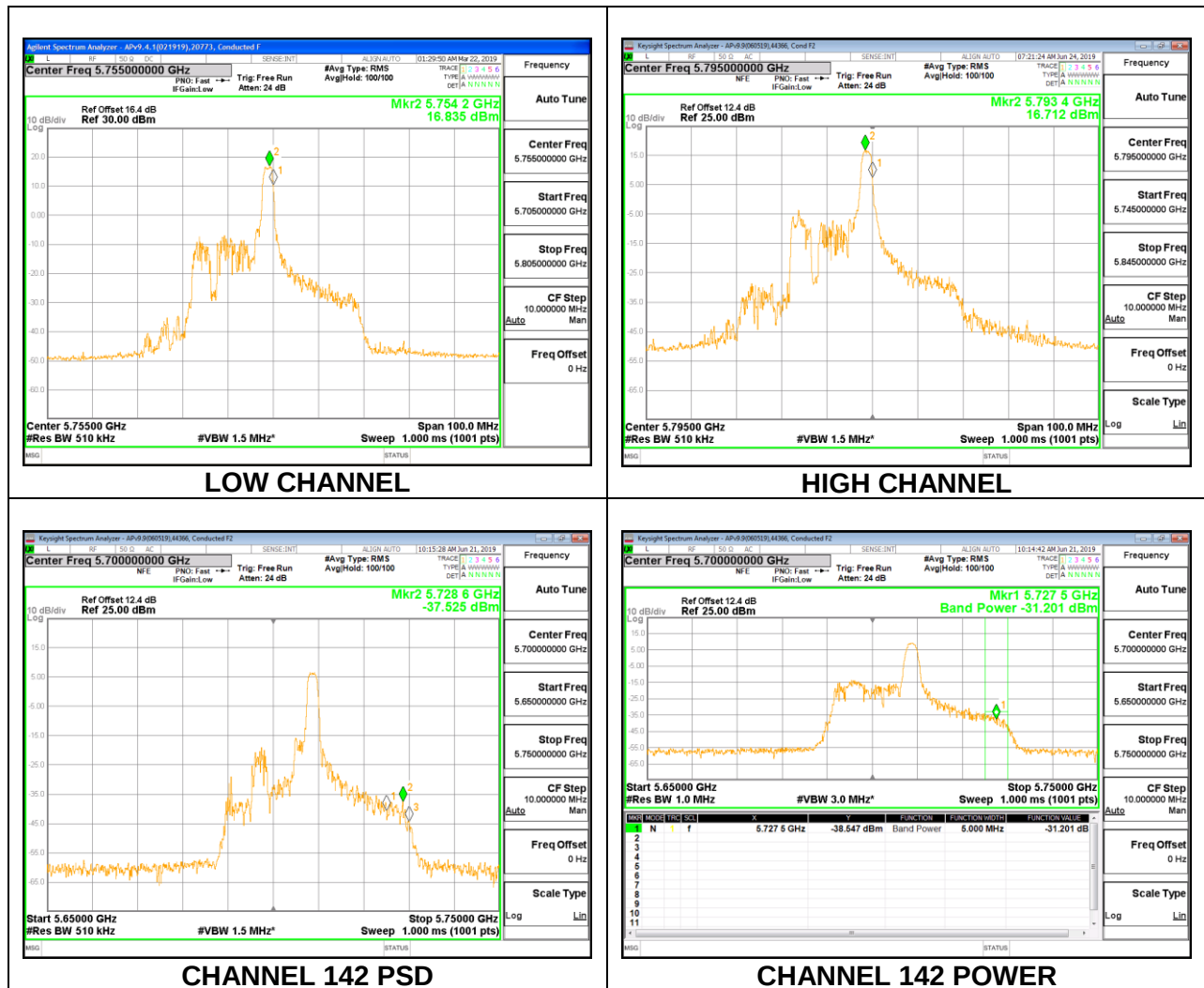
Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.130	21.130	30.00	-8.87
High	5795	21.100	21.100	30.00	-8.90
142	5710	-31.201	-31.201	30.00	-61.20

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	16.835	16.835	30.00	-13.17
High	5795	16.712	16.712	30.00	-13.29
142	5710	-37.525	-37.525	30.00	-67.53

Note: Low, High Ch. PSD tested at higher power.



1TX Antenna 5 MODE (FCC) – 26 Tones, RU Index 17**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-1.70	30.00	30.00
High	5795	-1.70	30.00	30.00
142	5710	-1.70	30.00	30.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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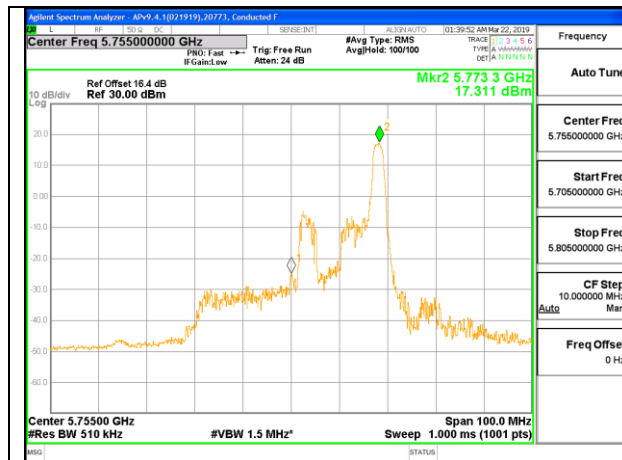
Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.170	21.170	30.00	-8.83
High	5795	21.150	21.150	30.00	-8.85
142	5710	11.905	11.905	30.00	-18.10

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	17.311	17.311	30.00	-12.69
High	5795	17.058	17.058	30.00	-12.94
142	5710	6.733	6.733	30.00	-23.27

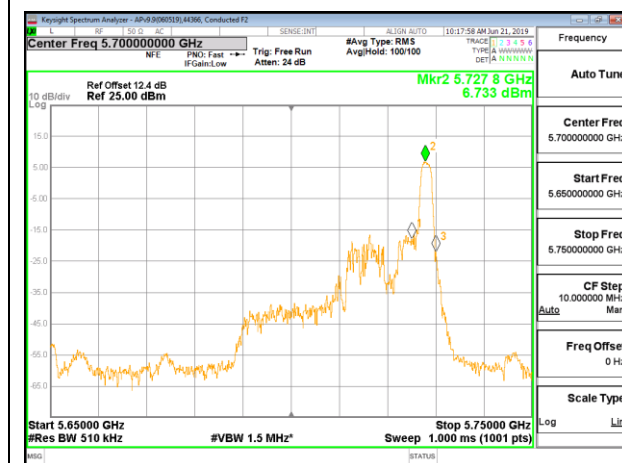
Note: Low, High Ch. PSD tested at higher power.



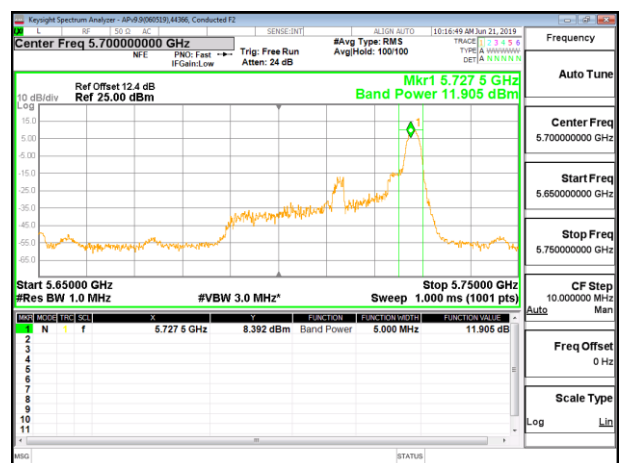
LOW CHANNEL



HIGH CHANNEL



CHANNEL 142 PSD



CHANNEL 142 POWER

2TX Antenna 4 + Antenna 5 OFDMA MODE (FCC) – 484 Tones, RU Index 65**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-2.74	0.19	30.00	30.00
High	5795	-2.74	0.19	30.00	30.00
142	5710	-2.74	0.19	30.00	30.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power
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Output Power Results

Channel	Frequency (MHz)	Ant 4 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.170	21.170	24.180	30.00	-5.82
High	5795	21.200	21.210	24.215	30.00	-5.78
142	5710	8.469	8.779	11.637	30.00	-18.36

PSD Results

Channel	Frequency (MHz)	Ant 4 Meas PSD (dBm/ 1MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	5.662	5.679	8.681	30.00	-21.32
High	5795	5.834	5.896	8.875	30.00	-21.12
142	5710	2.615	2.852	5.745	30.00	-24.25

Note: Low, High Ch. PSD tested at higher power.