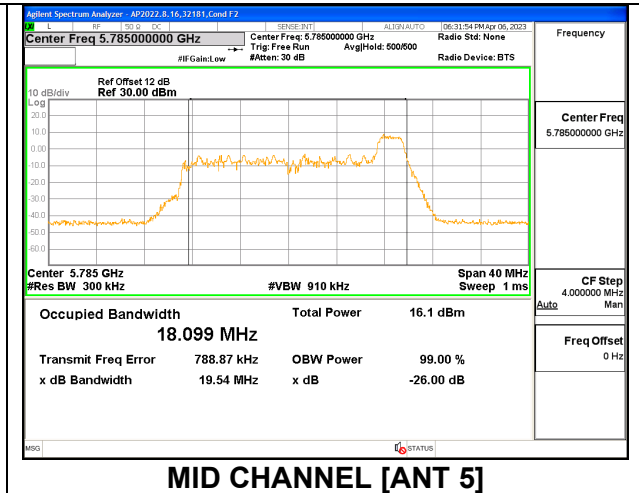
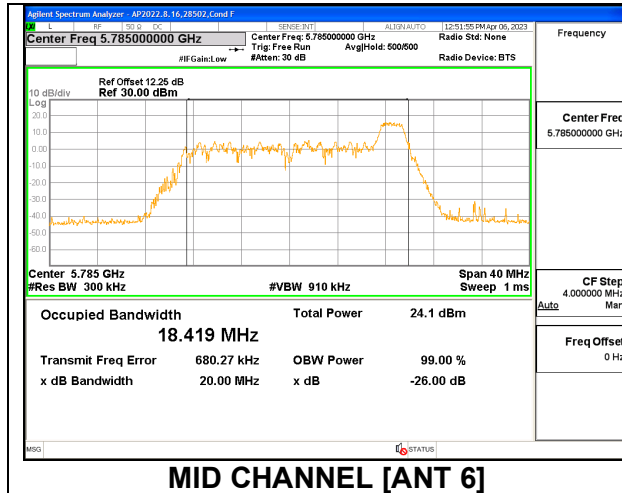


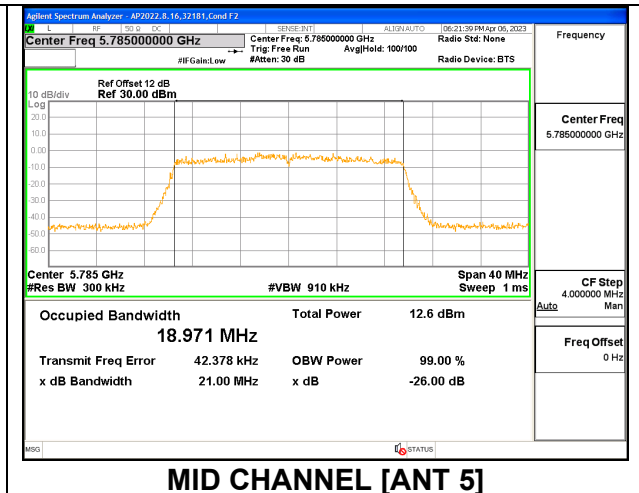
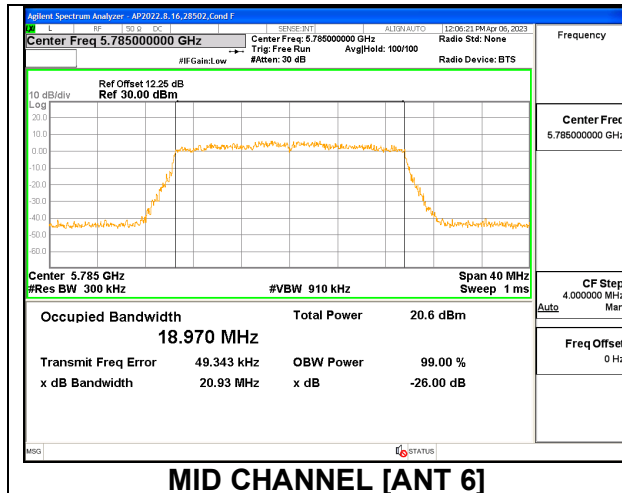
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5745	19.64	19.57	18.2360	18.2610
Mid	5785	20.00	19.54	18.4190	18.0990
High	5825	19.93	19.64	18.3850	18.2200



2TX Antenna 6 + Antenna 5 CDD MODE: SU Mode

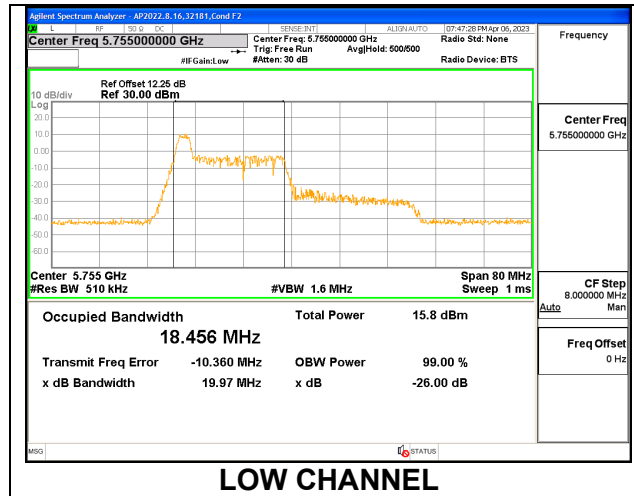
Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5745	20.92	21.15	18.9940	18.9370
Mid	5785	20.93	21.00	18.9700	18.9710
High	5825	20.80	20.99	18.9340	18.9100



9.2.27. 802.11ax HE40 MODE IN THE 5.8 GHz BAND

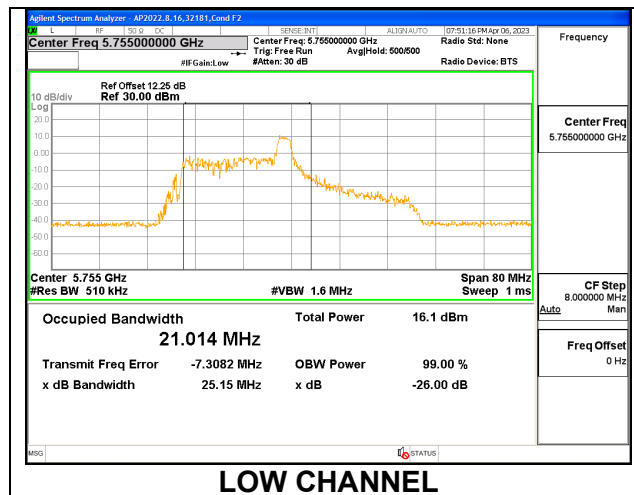
1TX Antenna 6 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	5755	19.97	18.4560
High	5795	20.20	18.3830



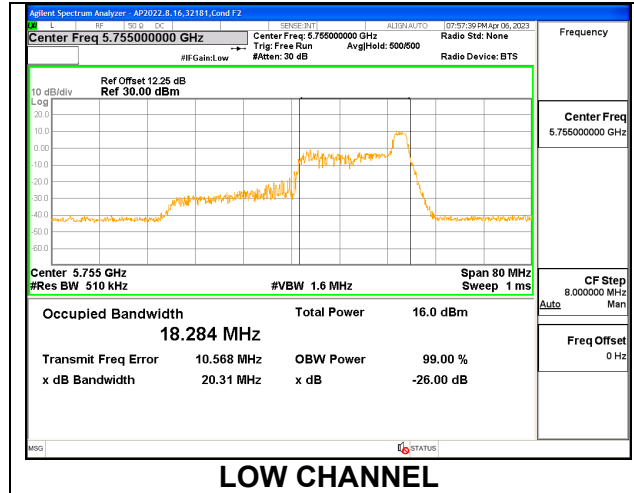
1TX Antenna 6 MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	5755	25.15	21.0410
High	5795	22.90	21.0840



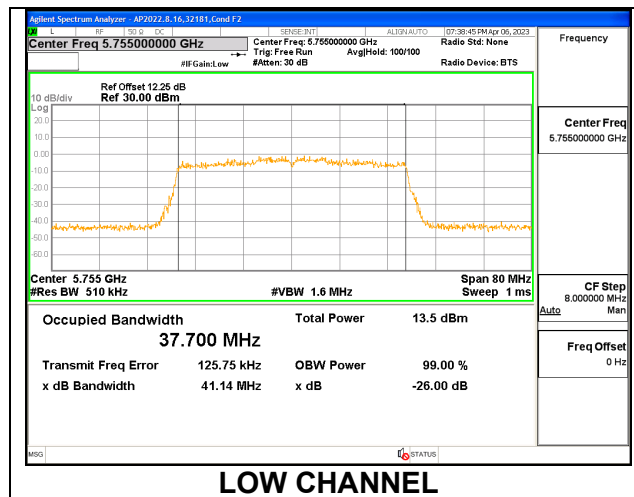
1TX Antenna 6 MODE: 26 Tones, RU Index 17

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	5755	20.31	18.2840
High	5795	20.42	18.4070



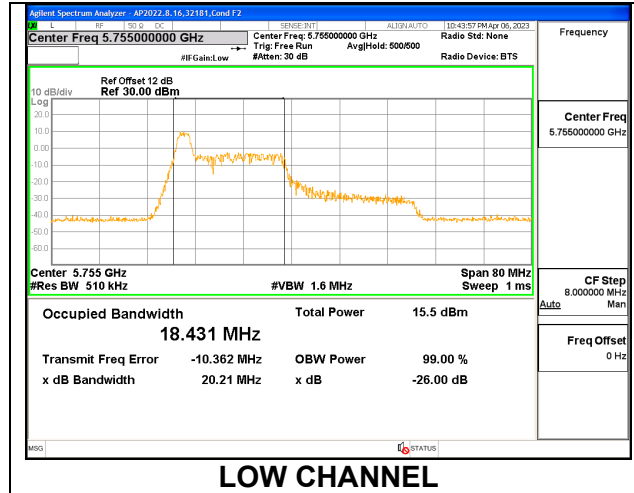
1TX Antenna 6 MODE: SU Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	5755	41.14	37.7000
High	5795	40.75	37.7500



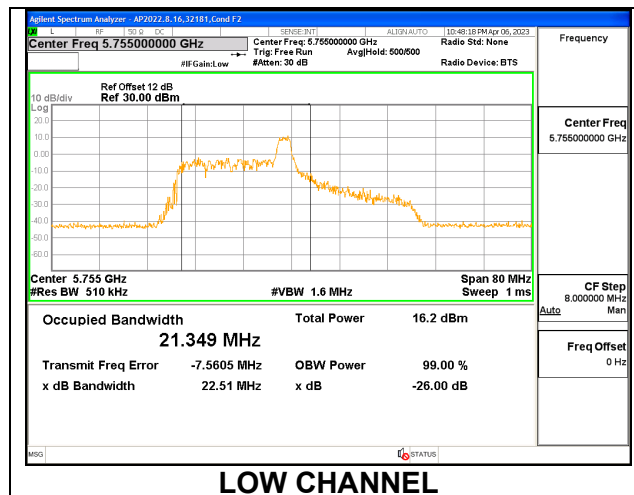
1TX Antenna 5 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	5755	20.21	18.4310
High	5795	20.04	18.4310



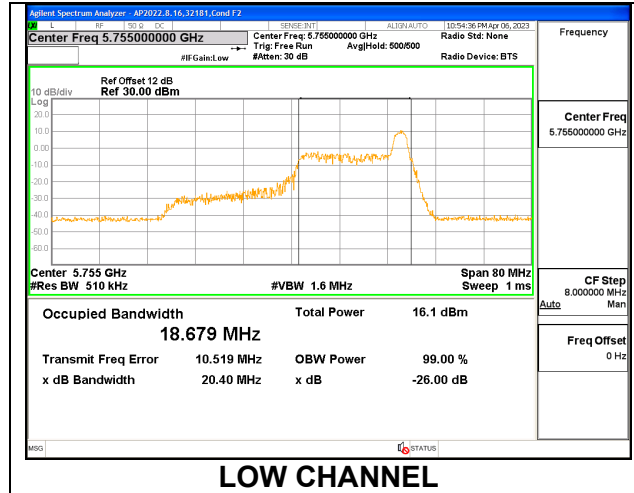
1TX Antenna 5 MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	5755	22.51	21.3490
High	5795	24.31	21.1550



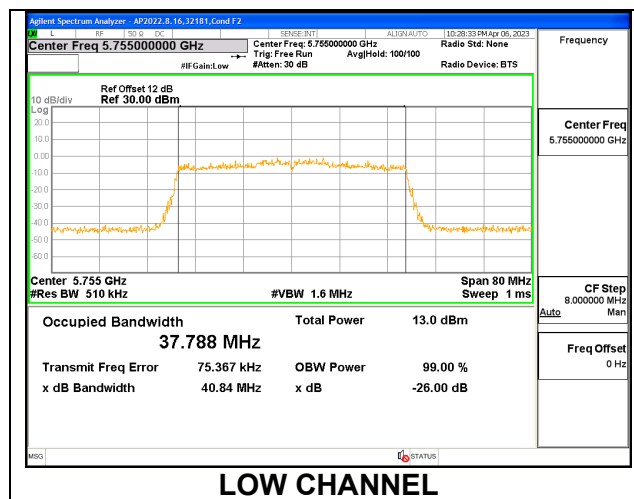
1TX Antenna 5 MODE: 26 Tones, RU Index 17

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	5755	20.40	18.6790
High	5795	20.20	18.3950



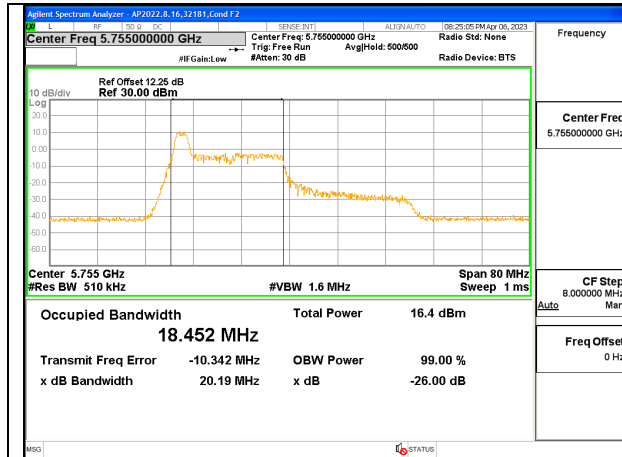
1TX Antenna 5 MODE: SU Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	5755	40.84	37.7880
High	5795	41.07	37.7770

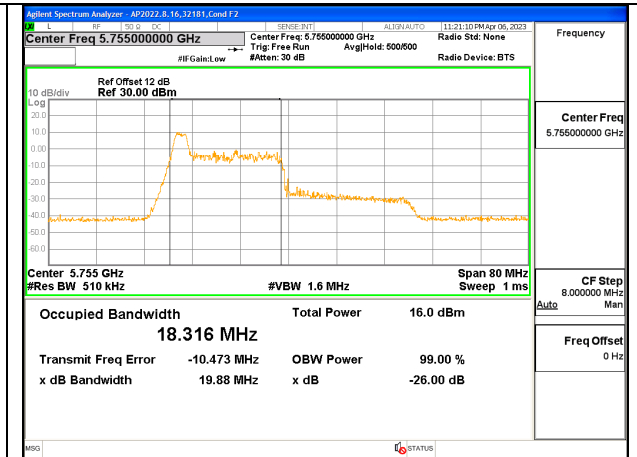


2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5755	20.19	19.88	18.4520	18.3160
High	5795	19.89	19.62	18.1730	18.2160



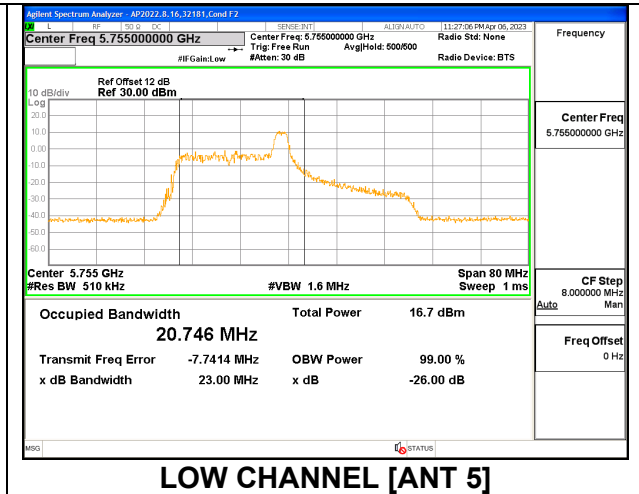
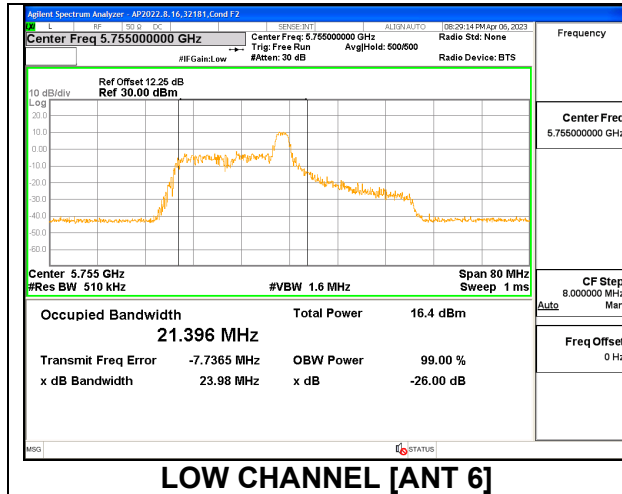
LOW CHANNEL [ANT 6]



LOW CHANNEL [ANT 5]

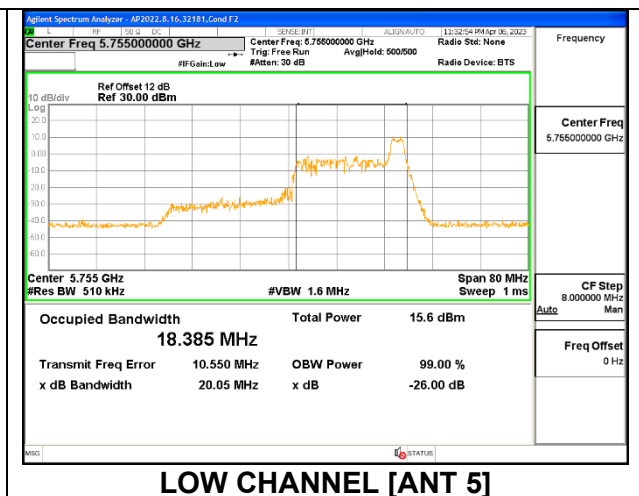
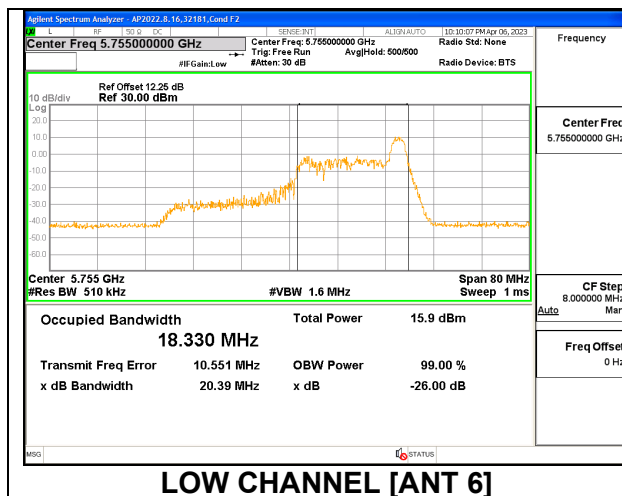
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5755	23.98	23.00	21.3960	20.7460
High	5795	22.87	22.19	20.9660	21.1330



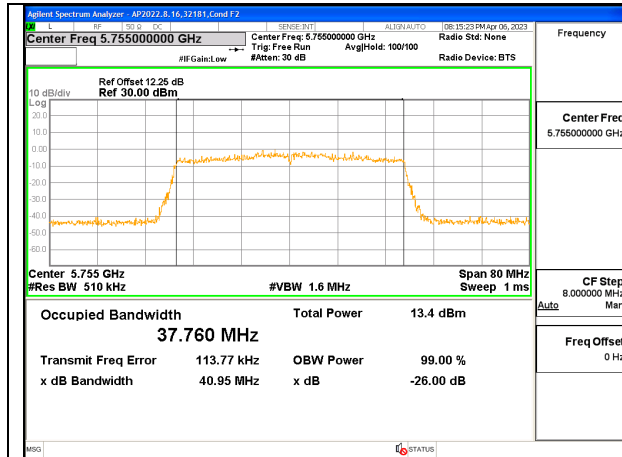
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 17

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5755	20.39	20.05	18.3300	18.3850
High	5795	20.28	19.71	18.4900	18.1990

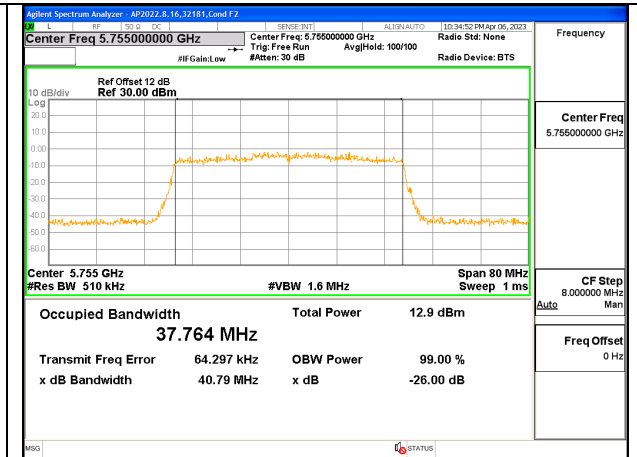


2TX Antenna 6 + Antenna 5 CDD MODE: SU Mode

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5755	40.95	40.79	37.7600	37.7640
High	5795	4039.00	41.01	37.8140	37.8340



LOW CHANNEL [ANT 6]

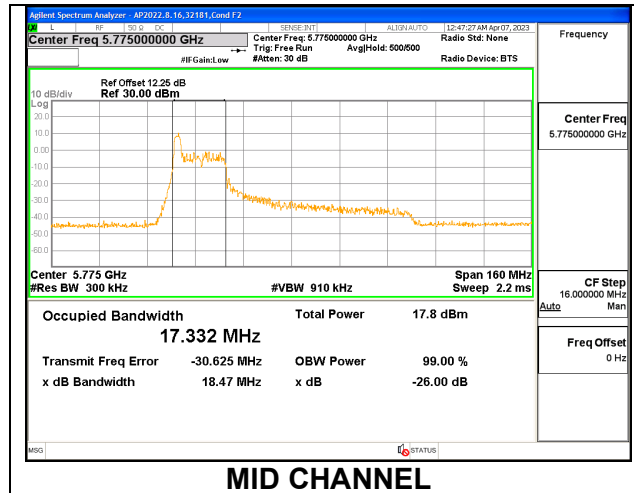


LOW CHANNEL [ANT 5]

9.2.28. 802.11ax HE80 MODE IN THE 5.8 GHz BAND

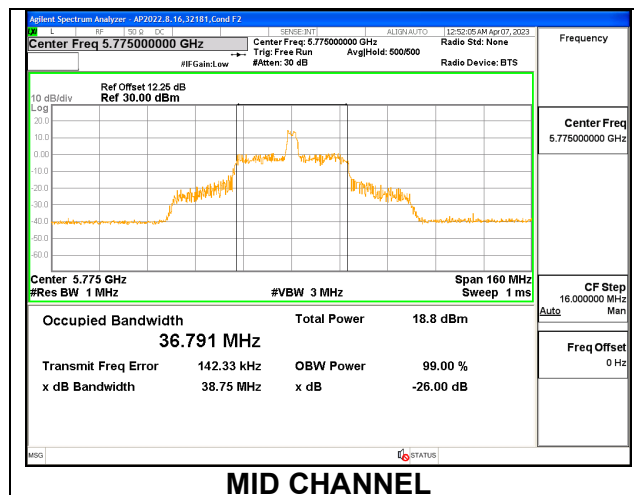
1TX Antenna 6 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Mid	5775	18.47	17.3320



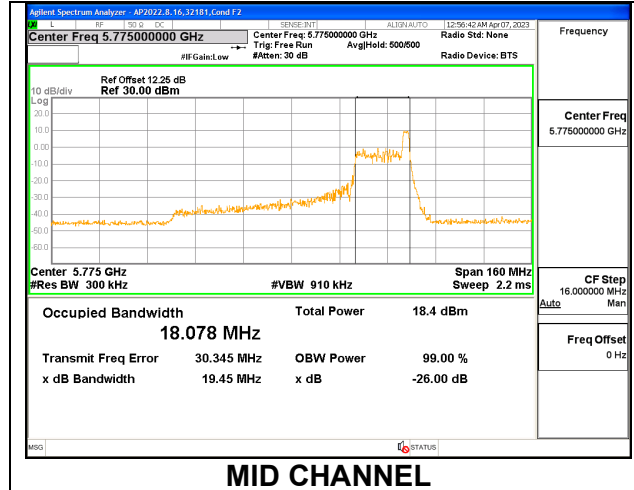
1TX Antenna 6 MODE: 26 Tones, RU Index 18

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Mid	5775	38.75	36.7910



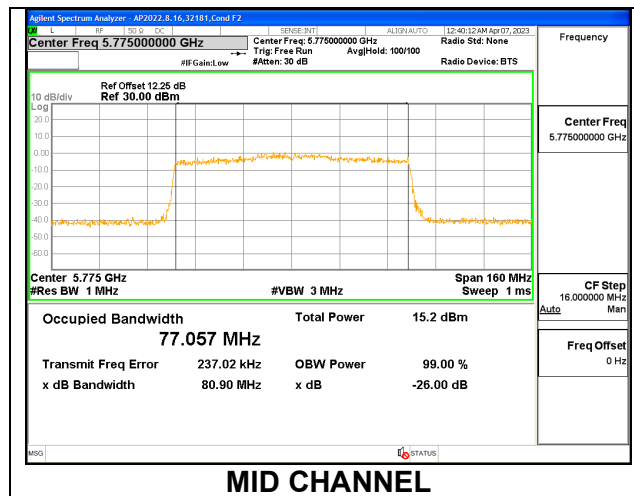
1TX Antenna 6 MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Mid	5775	19.45	18.078



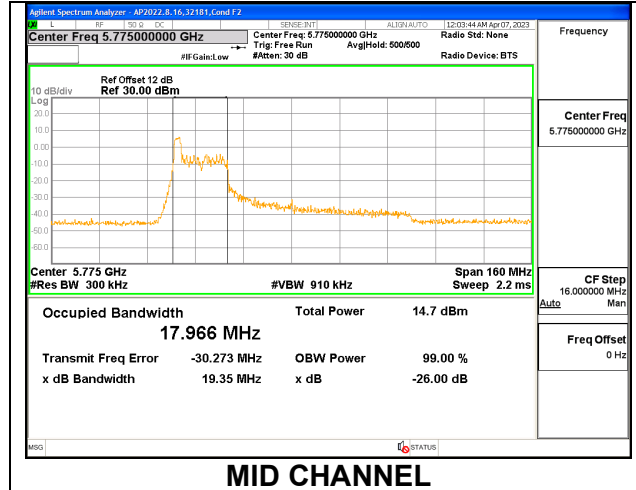
1TX Antenna 6 MODE: SU Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Mid	5775	80.90	77.0570



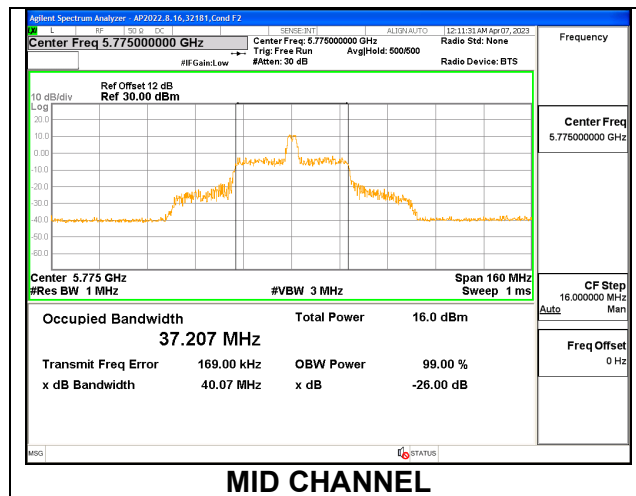
1TX Antenna 5 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Mid	5775	19.35	17.9660



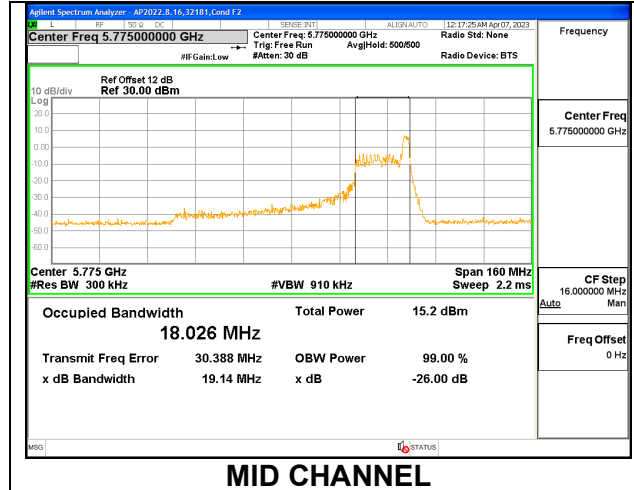
1TX Antenna 5 MODE: 26 Tones, RU Index 18

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Mid	5775	40.07	37.2070



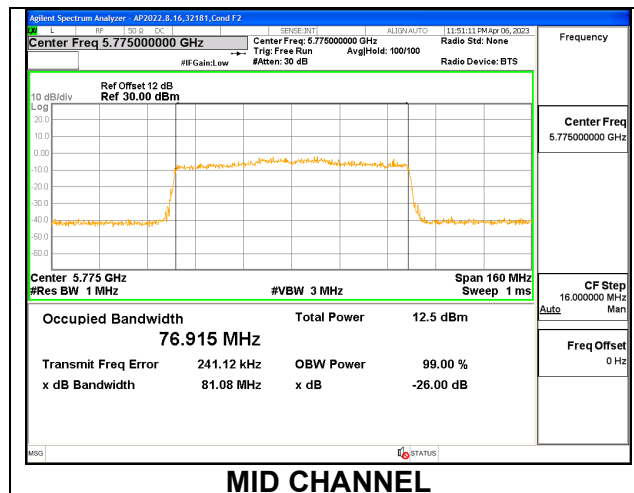
1TX Antenna 5 MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Mid	5775	19.14	18.0260



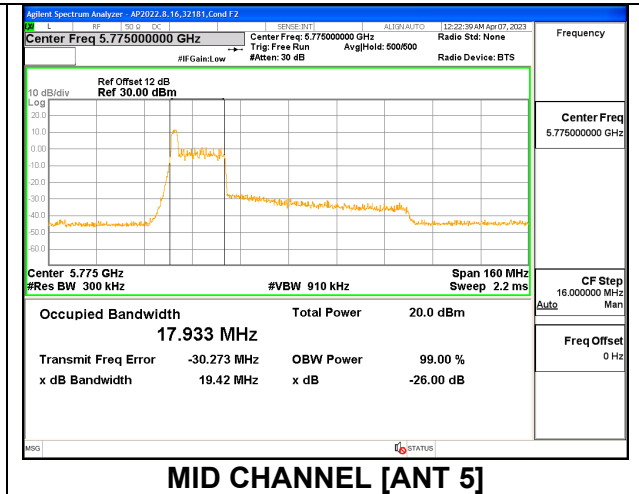
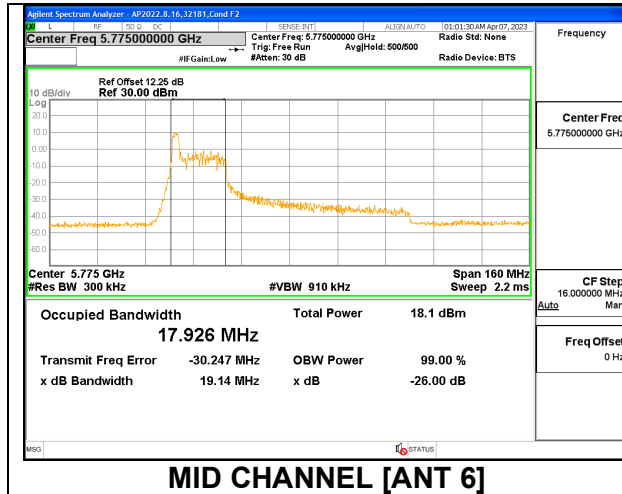
1TX Antenna 5 MODE: SU Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Mid	5775	81.08	76.9150



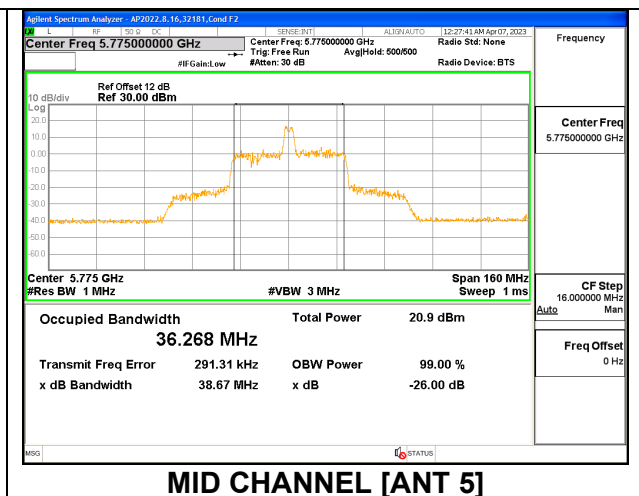
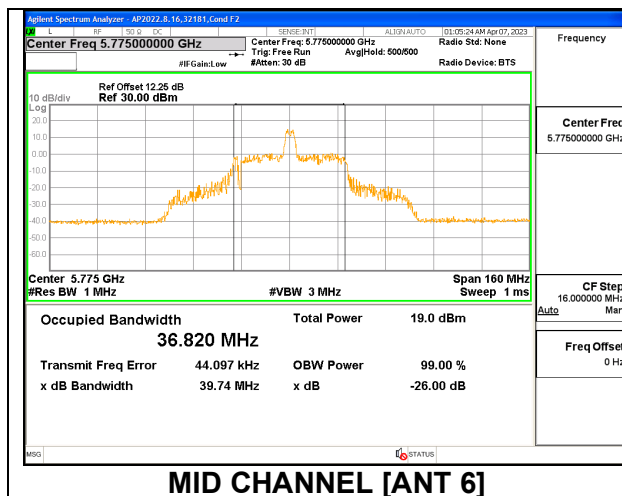
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Mid	5775	19.14	19.42	17.9260	17.9330



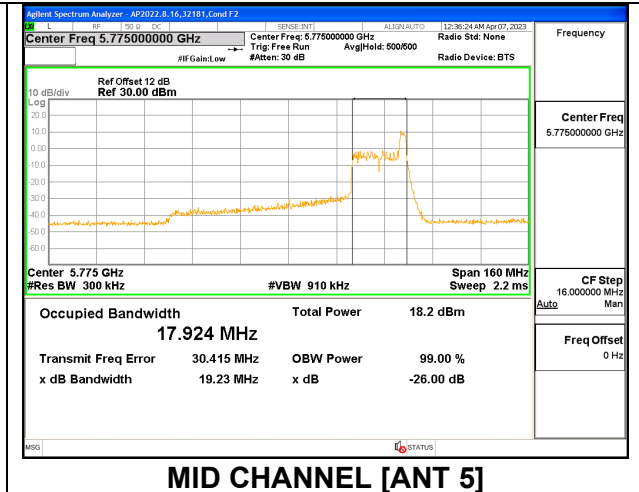
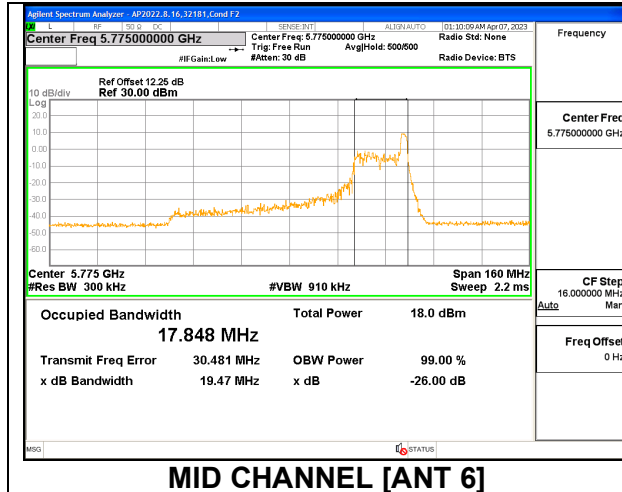
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 18

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Mid	5775	39.74	38.67	36.8200	36.2680



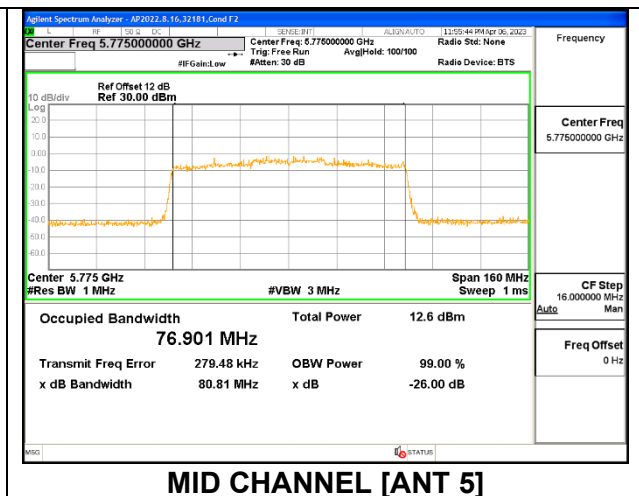
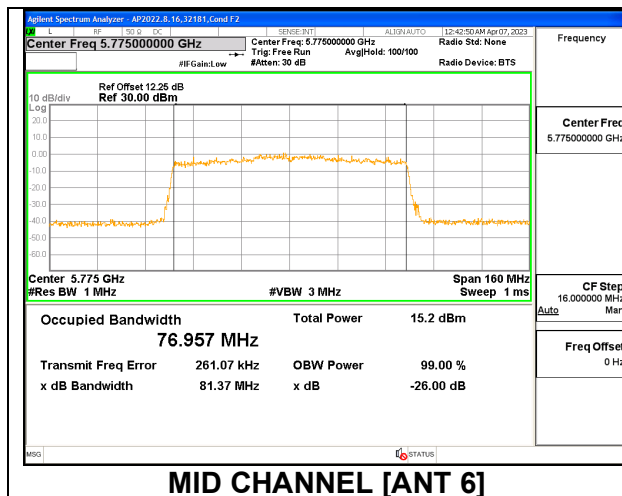
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 36

Channel	Frequency	26 dB Bandwidth Antenna 6	26 dB Bandwidth Antenna 5	99% Bandwidth Antenna 6	99% Bandwidth Antenna 5
	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)
Mid	5775	19.47	19.23	17.8480	17.9240



2TX Antenna 6 + Antenna 5 CDD MODE: SU Mode

Channel	Frequency	26 dB Bandwidth Antenna 6	26 dB Bandwidth Antenna 5	99% Bandwidth Antenna 6	99% Bandwidth Antenna 5
	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)
Mid	5775	81.37	80.81	76.9570	76.9010



9.3. 6 dB BANDWIDTH

LIMITS

FCC §15.407 (e)

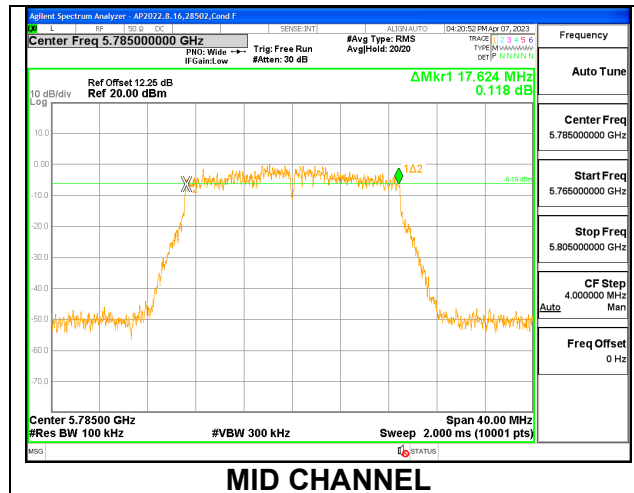
The minimum 6 dB bandwidth shall be at least 500 kHz.

RESULTS

9.3.1. 802.11n HT20 MODE IN THE 5.8 GHz BAND

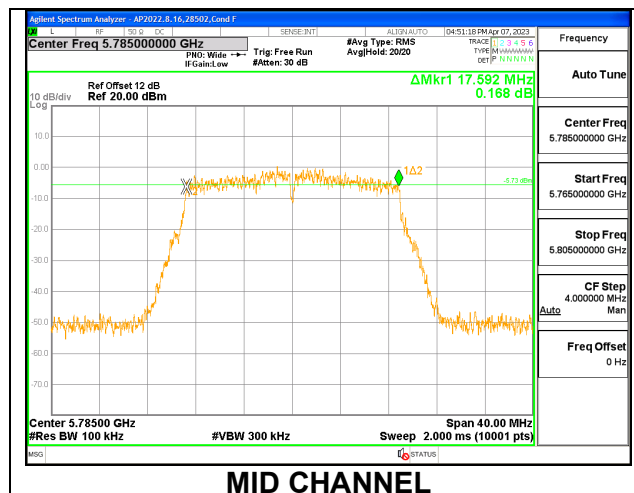
1TX Antenna 6 MODE

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	17.596	0.5
Mid	5785	17.624	0.5
High	5825	17.592	0.5
144	5720	3.836	0.5



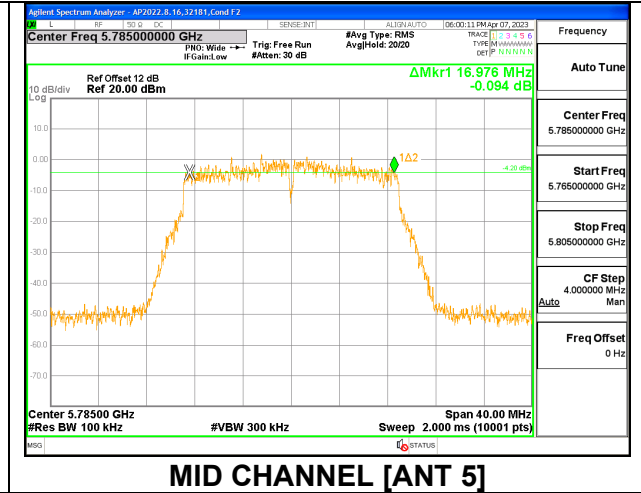
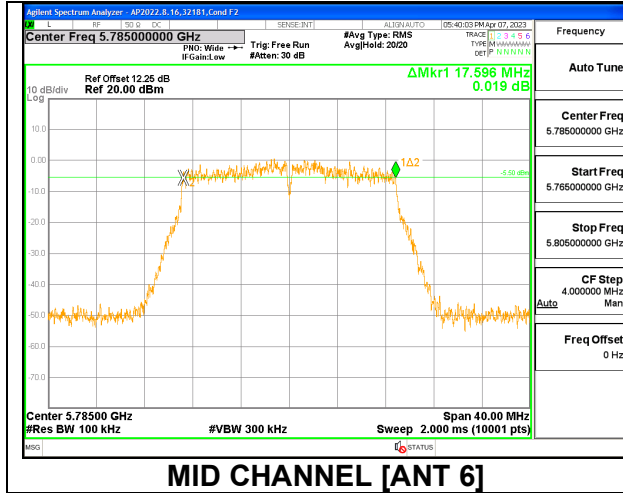
1TX Antenna 5 MODE

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	17.560	0.5
Mid	5785	17.592	0.5
High	5825	17.596	0.5
144	5720	3.880	0.5



2TX Antenna 6 + Antenna 5 CDD MODE

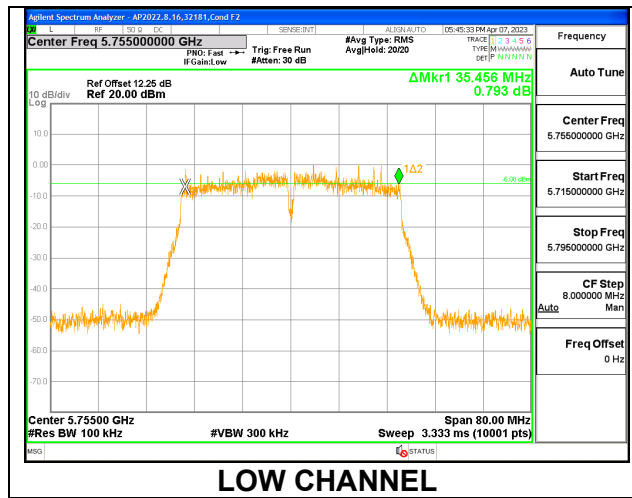
Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5745	17.588	17.292	0.5
Mid	5785	17.596	16.976	0.5
High	5825	17.584	17.572	0.5
144	5720	3.800	3.912	0.5



9.3.2. 802.11n HT40 MODE IN THE 5.8 GHz BAND

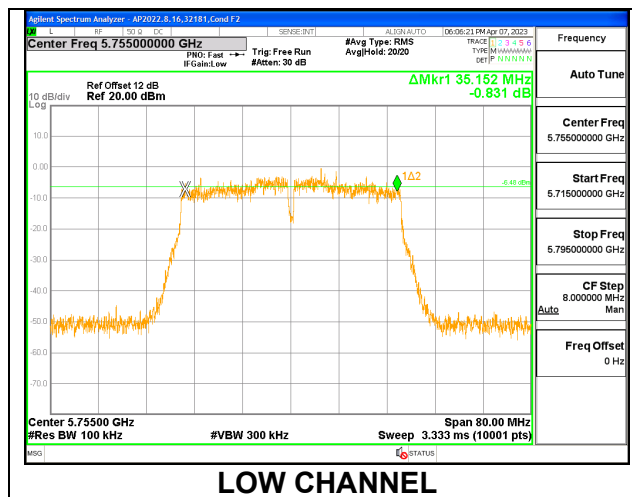
1TX Antenna 6 MODE

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	35.456	0.5
High	5795	35.424	0.5
142	5710	3.304	0.5



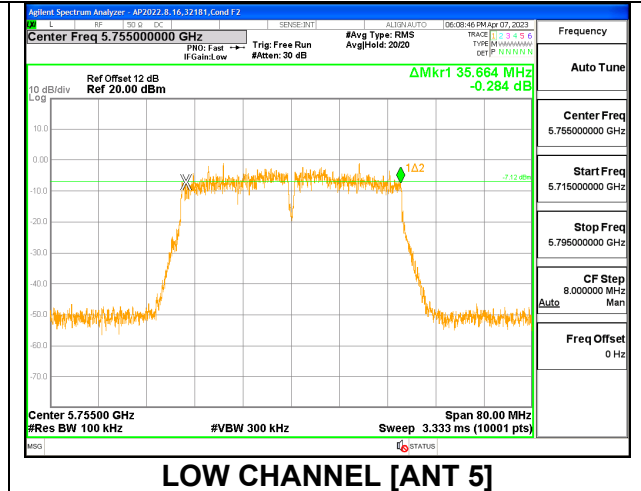
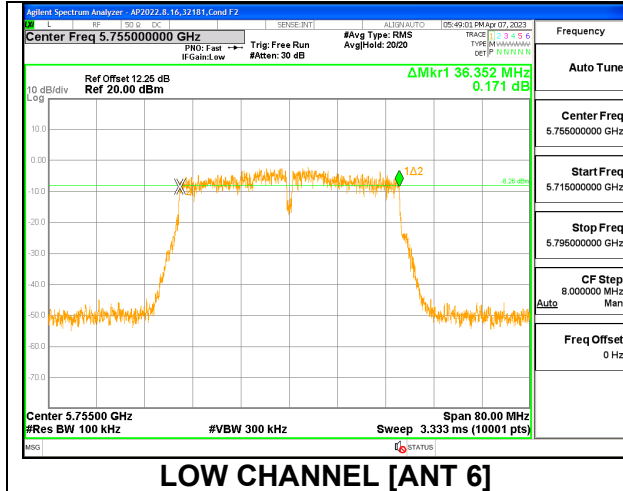
1TX Antenna 5 MODE

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	35.152	0.5
High	5795	36.032	0.5
142	5710	3.208	0.5



2TX Antenna 6 + Antenna 5 CDD MODE

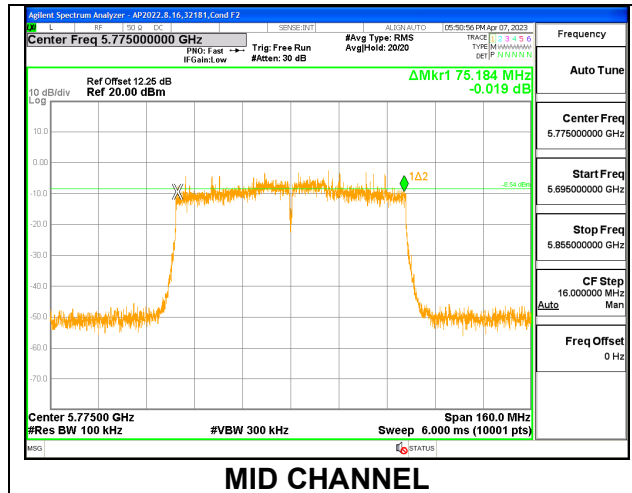
Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5755	36.352	35.664	0.5
High	5795	35.448	35.736	0.5
142	5710	3.208	3.200	0.5



9.3.3. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

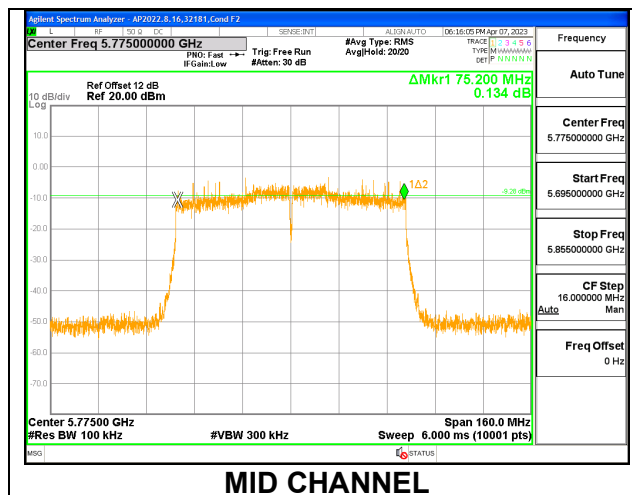
1TX Antenna 6 MODE

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	75.184	0.5
138	5690	3.176	0.5



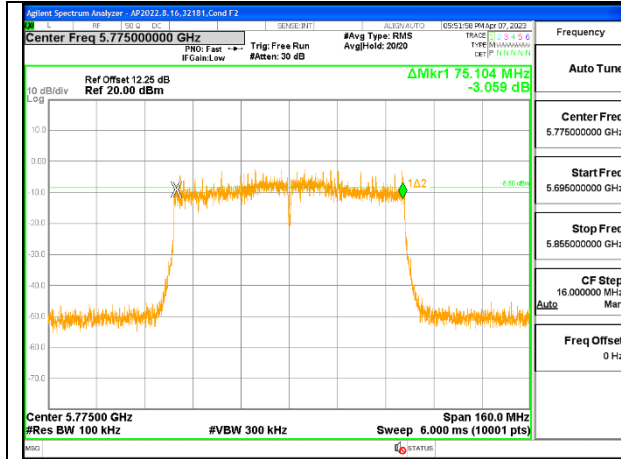
1TX Antenna 5 MODE

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	75.200	0.5
138	5690	3.192	0.5

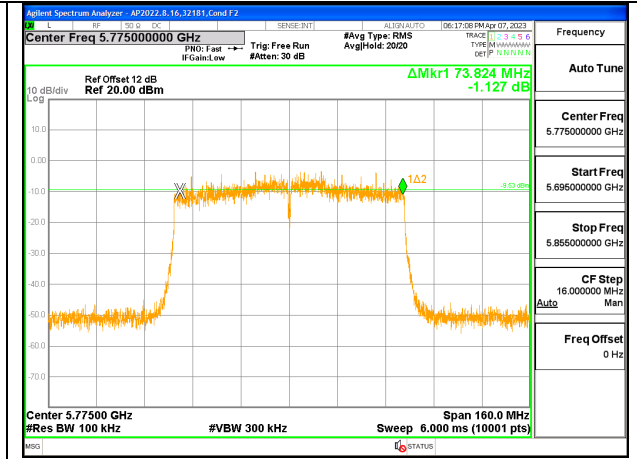


2TX Antenna 6 + Antenna 5 CDD MODE

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Mid	5775	75.104	73.824	0.5
138	5690	2.616	3.160	0.5



MID CHANNEL [ANT 6]

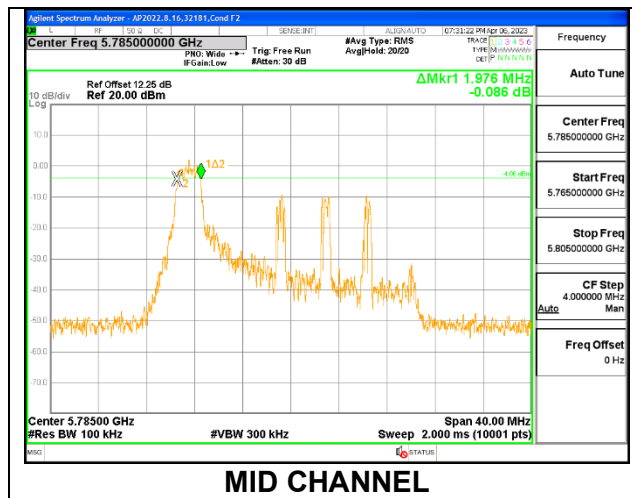


MID CHANNEL [ANT 5]

9.3.4. 802.11ax HE20 MODE IN THE 5.8 GHz BAND

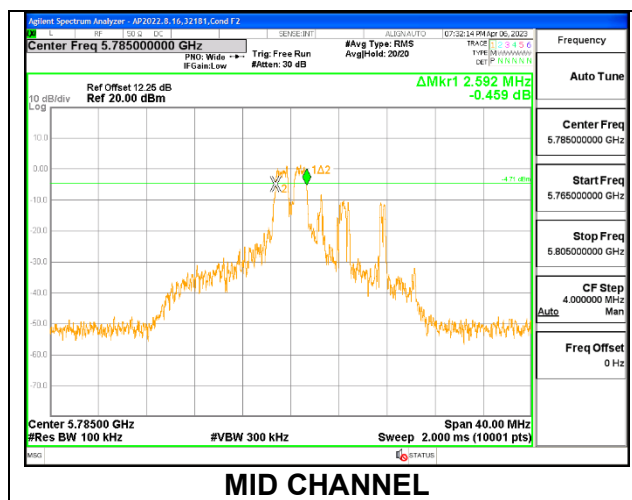
1TX Antenna 6 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	1.952	0.5
Mid	5785	1.976	0.5
High	5825	1.980	0.5



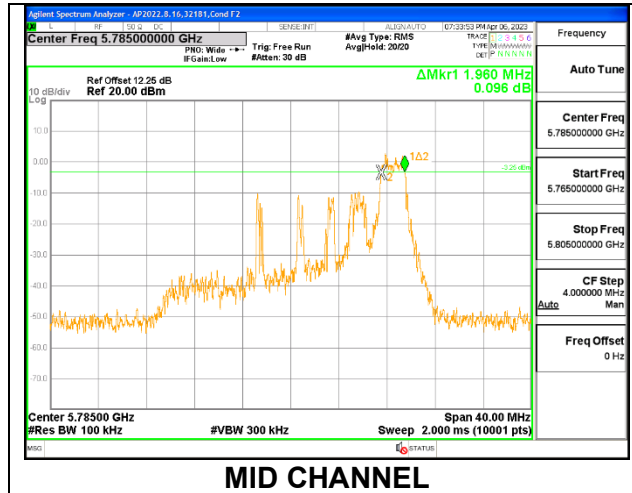
1TX Antenna 6 MODE: 26 Tones, RU Index 4

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	2.628	0.5
Mid	5785	2.592	0.5
High	5825	2.560	0.5



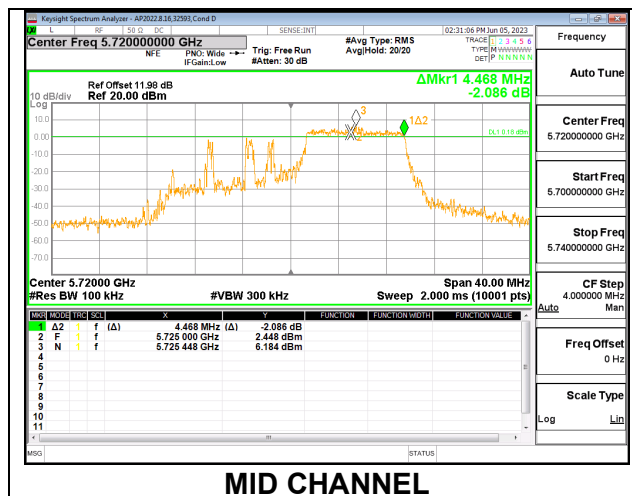
1TX Antenna 6 MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	2.020	0.5
Mid	5785	1.960	0.5
High	5825	2.012	0.5



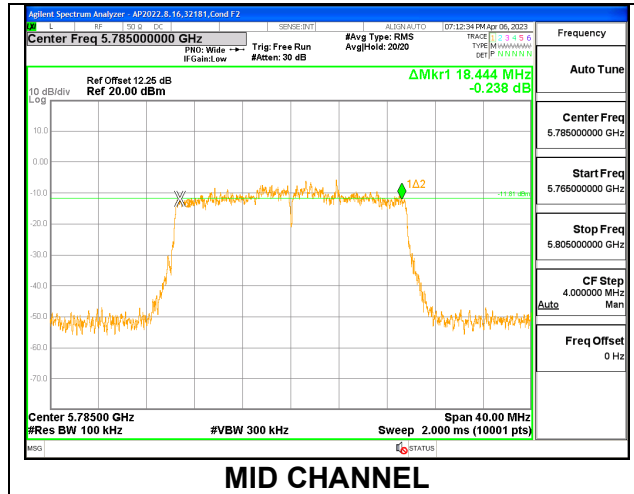
1TX Antenna 6 MODE: 106 Tones, RU Index 54

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
144	5720	4.468	0.5



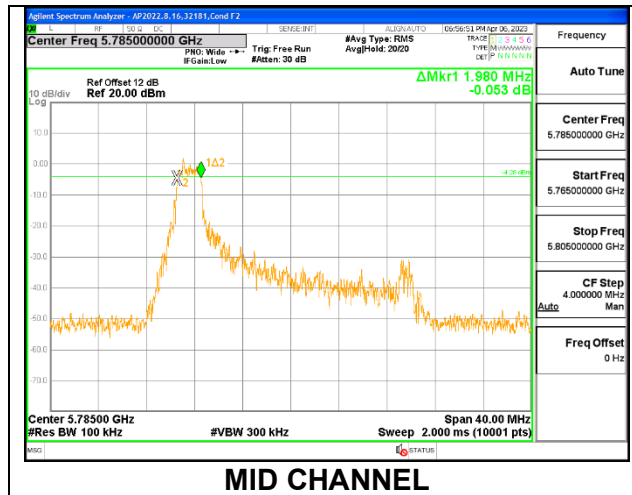
1TX Antenna 6 MODE: SU Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	18.284	0.5
Mid	5785	18.444	0.5
High	5825	18.784	0.5
144	5720	4.644	0.5



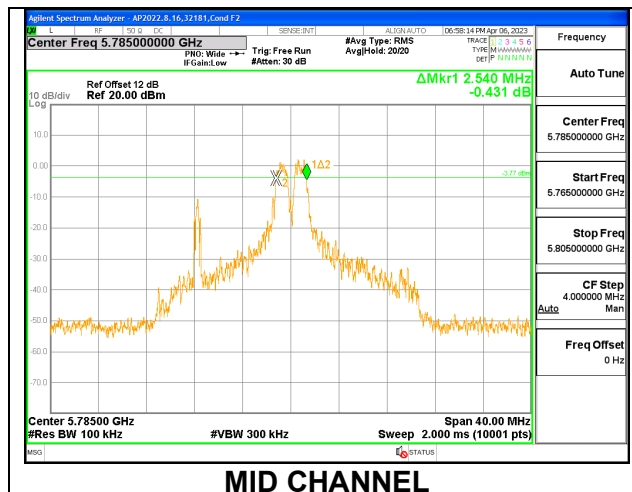
1TX Antenna 5 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	2.004	0.5
Mid	5785	1.980	0.5
High	5825	2.088	0.5



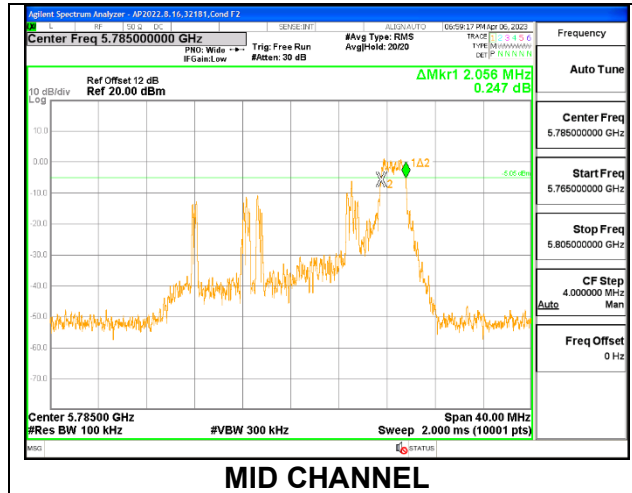
1TX Antenna 5 MODE: 26 Tones, RU Index 4

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	2.588	0.5
Mid	5785	2.540	0.5
High	5825	2.556	0.5



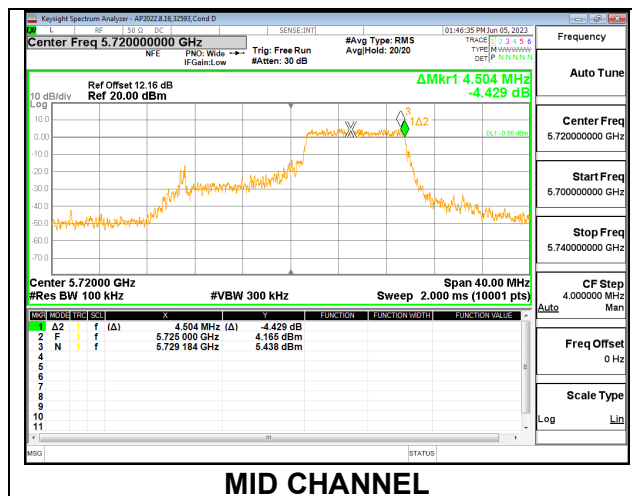
1TX Antenna 5 MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	2.008	0.5
Mid	5785	2.056	0.5
High	5825	1.996	0.5



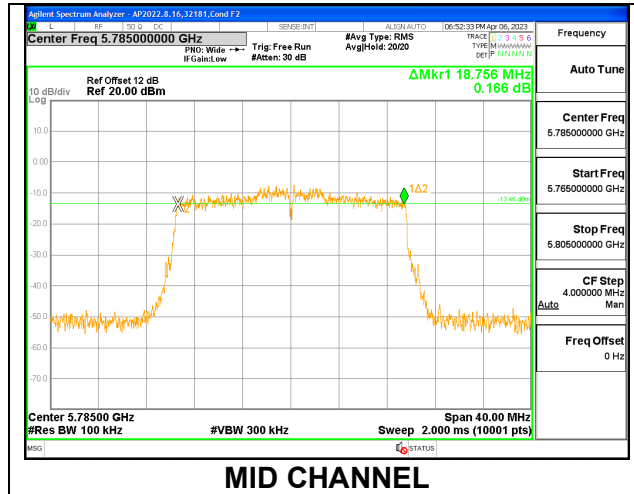
1TX Antenna 5 MODE: 106 Tones, RU Index 54

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
144	5720	4.504	0.5



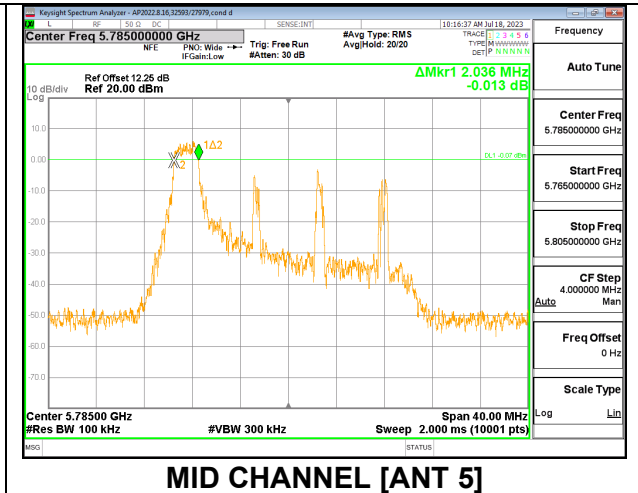
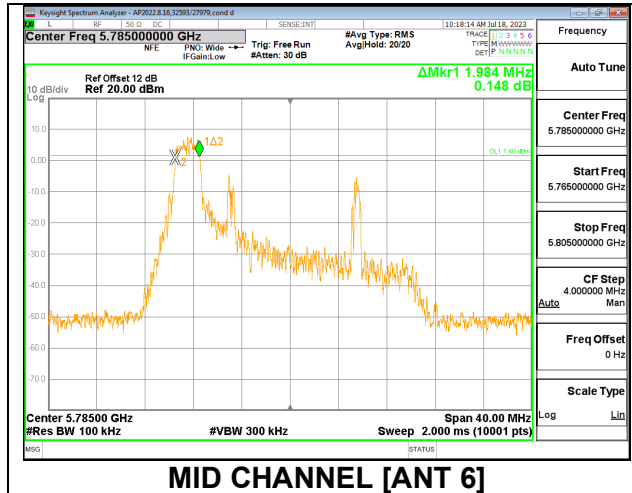
1TX Antenna 5 MODE: SUTones

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	18.912	0.5
Mid	5785	18.756	0.5
High	5825	18.484	0.5
144	5720	4.572	0.5



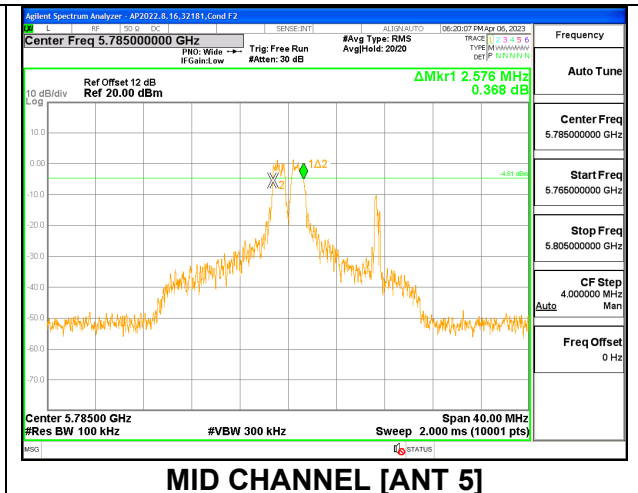
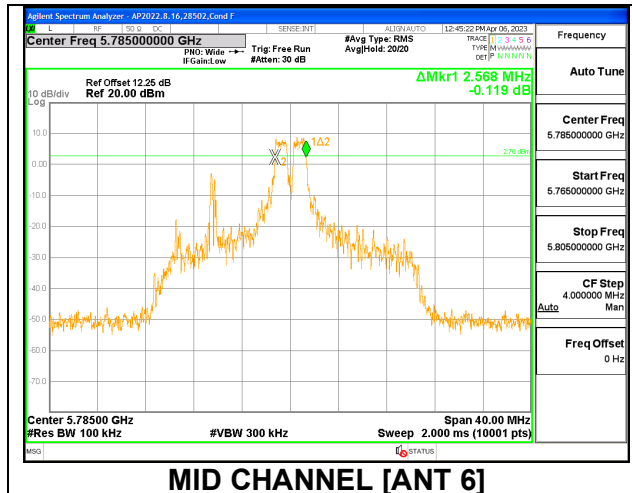
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5745	1.996	2.056	0.5
Mid	5785	1.984	2.036	0.5
High	5825	1.992	2.056	0.5



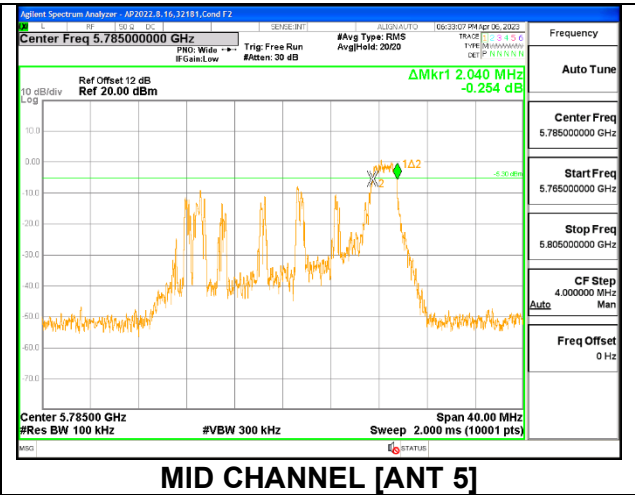
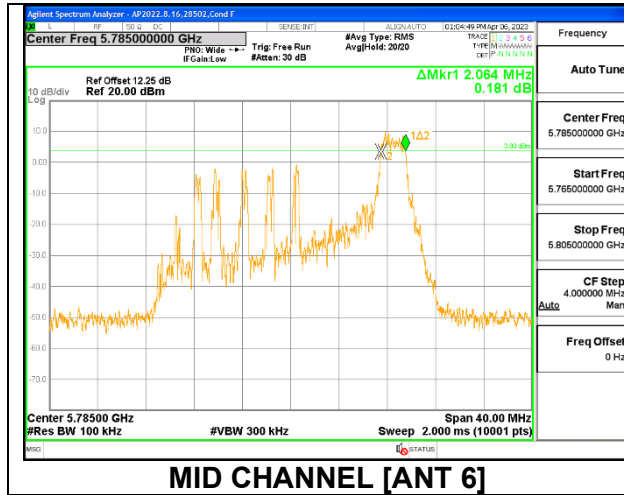
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 4

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5745	2.552	2.628	0.5
Mid	5785	2.568	2.576	0.5
High	5825	2.636	2.584	0.5



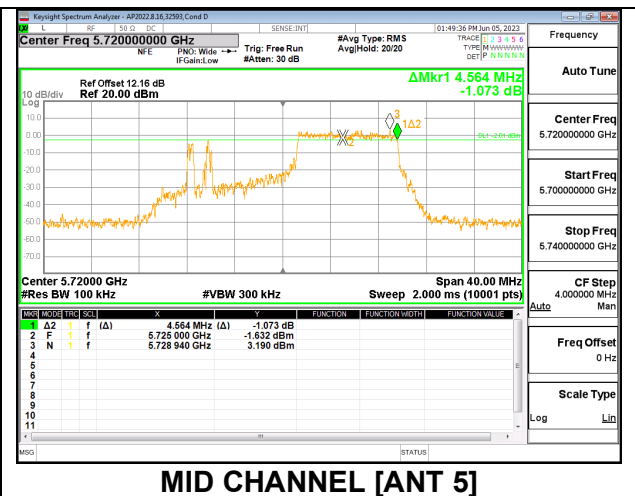
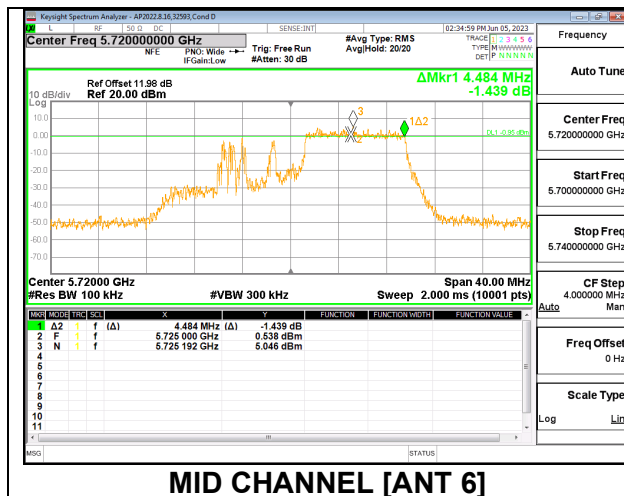
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5745	1.980	2.044	0.5
Mid	5785	2.064	2.040	0.5
High	5825	2.040	2.084	0.5



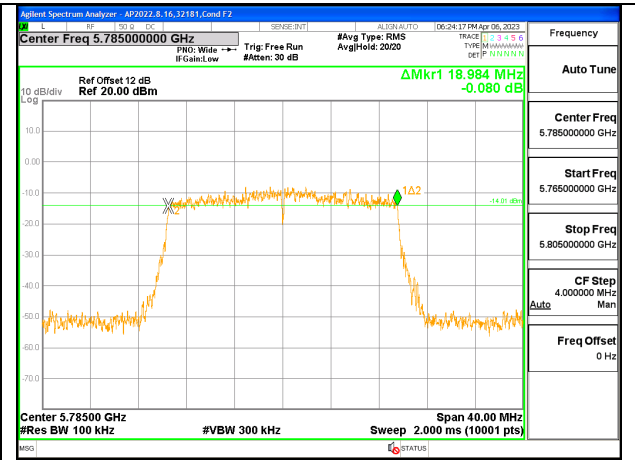
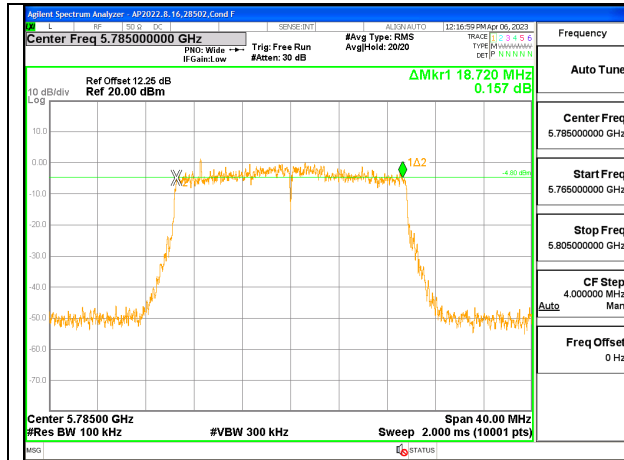
2TX Antenna 6 + Antenna 5 CDD MODE: 106 Tones, RU Index 54

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
144	5720	4.484	4.564	0.5



2TX Antenna 6 + Antenna 5 CDD MODE: SU Mode

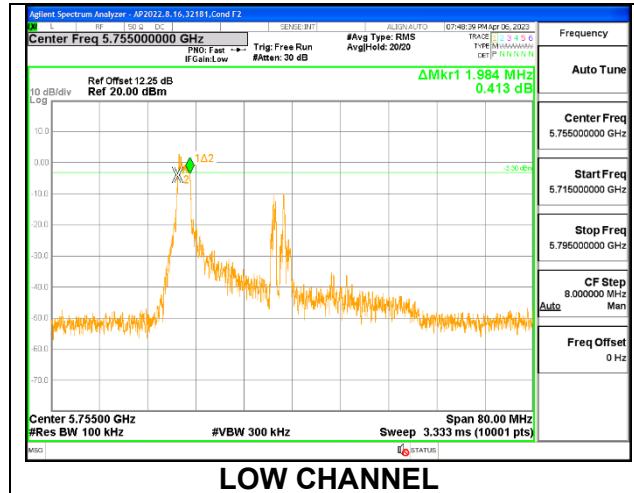
Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5745	18.908	18.788	0.5
Mid	5785	18.720	18.984	0.5
High	5825	18.992	18.044	0.5
144	5720	4.544	4.428	0.5



9.3.5. 802.11ax HE40 MODE IN THE 5.8 GHz BAND

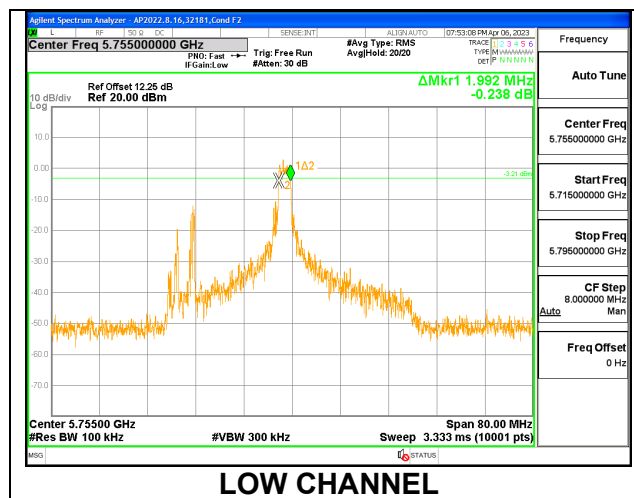
1TX Antenna 6 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	1.984	0.5
High	5795	2.000	0.5



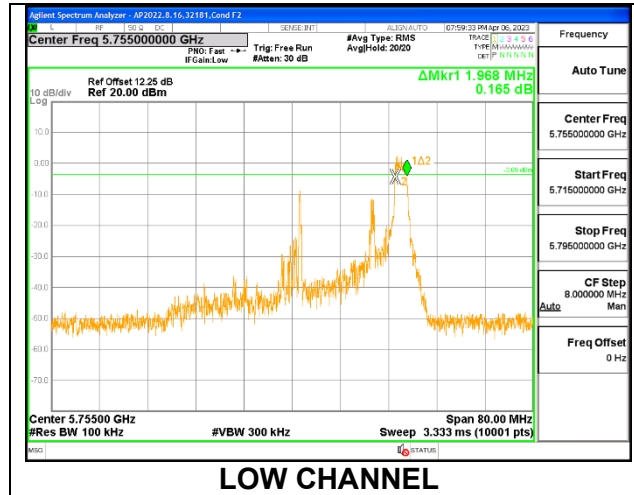
1TX Antenna 6 MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	1.992	0.5
High	5795	2.096	0.5



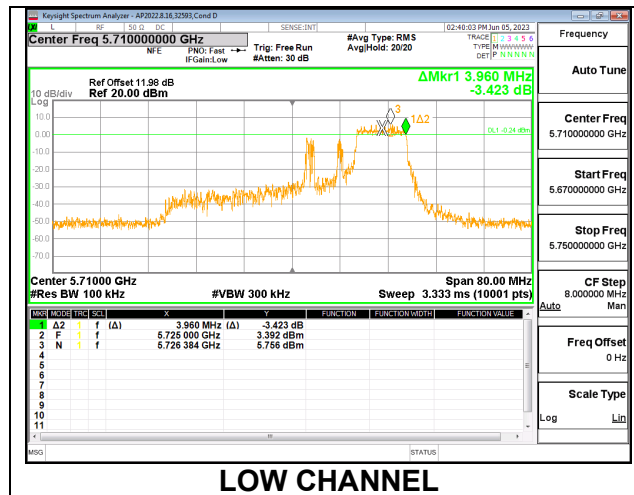
1TX Antenna 6 MODE: 26 Tones, RU Index 17

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	1.968	0.5
High	5795	2.000	0.5



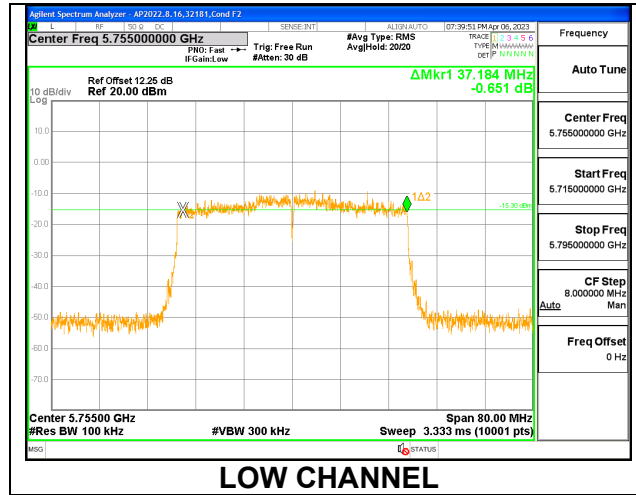
1TX Antenna 6 MODE: 106 Tones, RU Index 56

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
142	5710	3.960	0.5



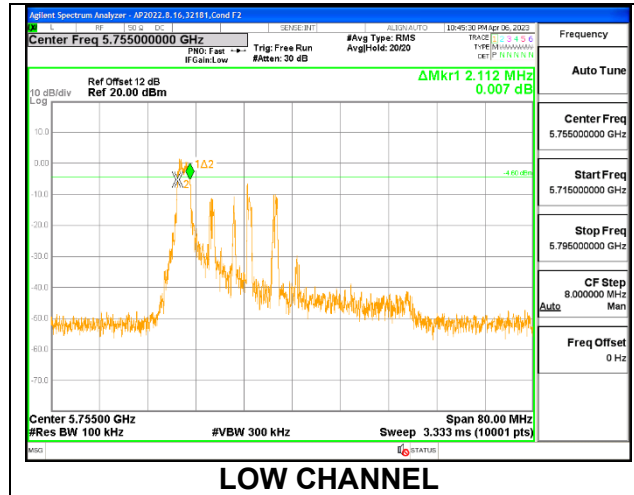
1TX Antenna 6 MODE: SU Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	37.184	0.5
High	5795	37.768	0.5
142	5710	4.088	0.5



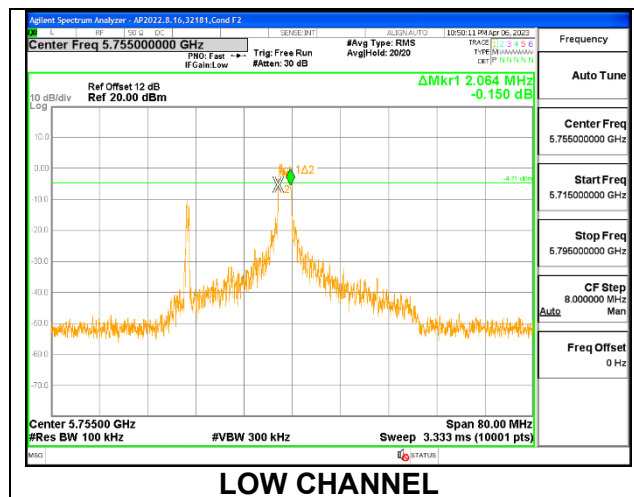
1TX Antenna 5 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	2.112	0.5
High	5795	2.024	0.5



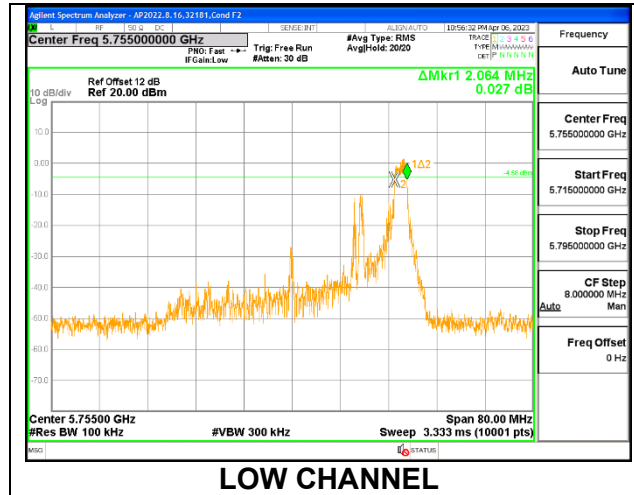
1TX Antenna 5 MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	2.064	0.5
High	5795	2.048	0.5



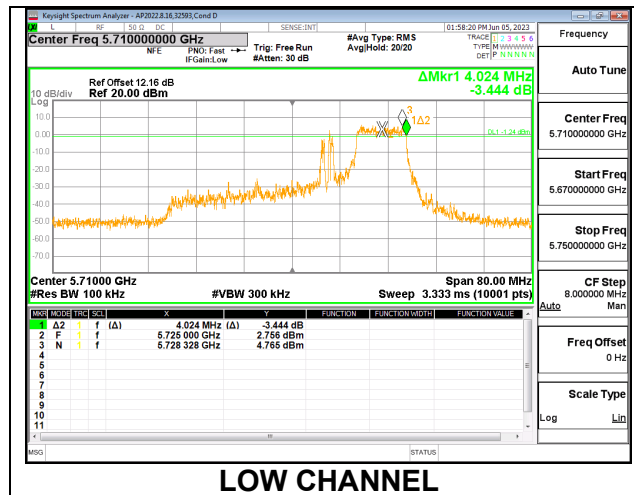
1TX Antenna 5 MODE: 26 Tones, RU Index 17

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	2.064	0.5
High	5795	1.984	0.5



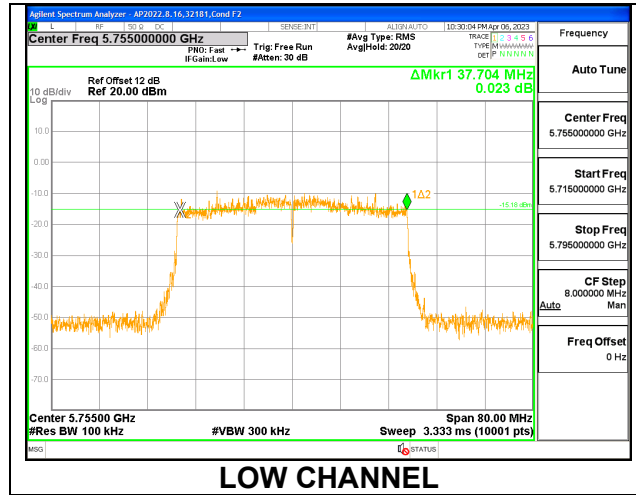
1TX Antenna 5 MODE: 106 Tones, RU Index 56

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
142	5710	4.024	0.5



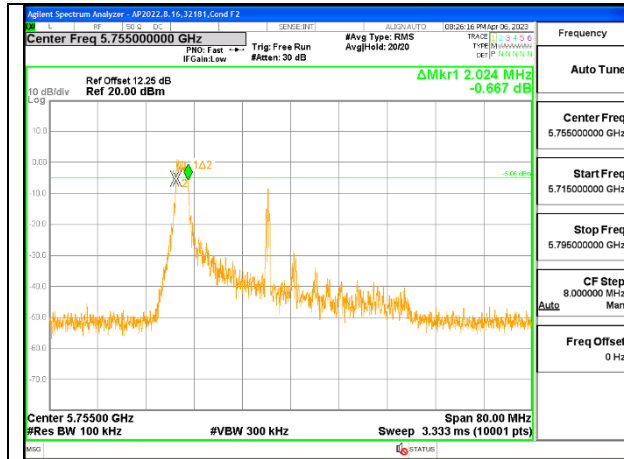
1TX Antenna 5 MODE: SU Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	37.704	0.5
High	5795	37.112	0.5
142	5710	4.080	0.5

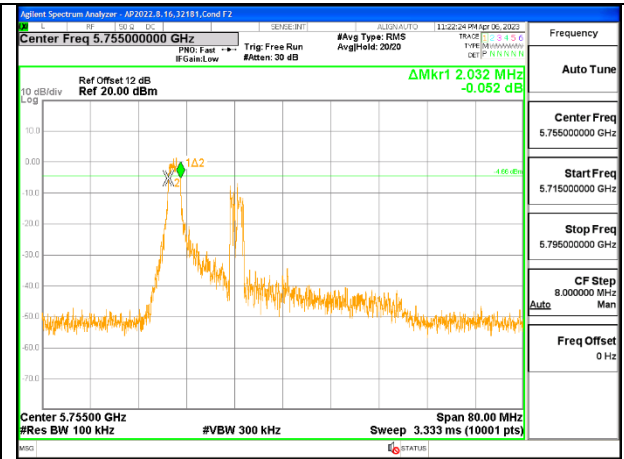


2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5755	2.024	2.032	0.5
High	5795	2.088	2.048	0.5



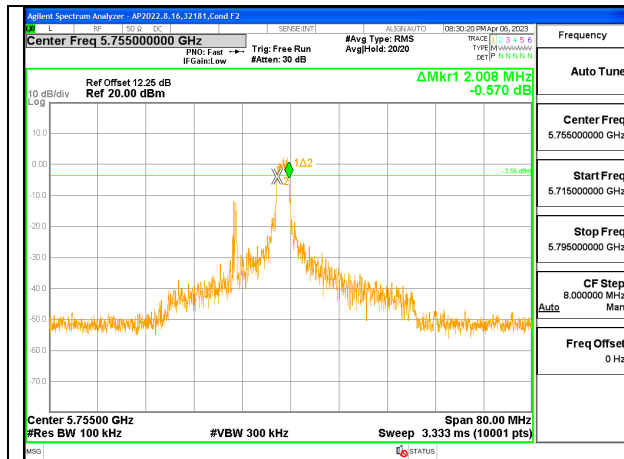
LOW CHANNEL [ANT 6]



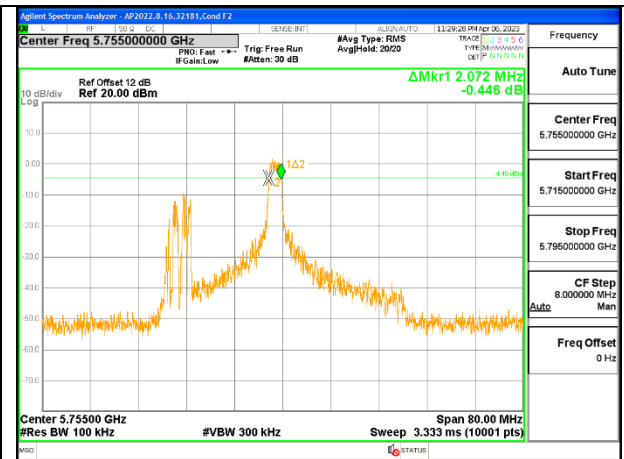
LOW CHANNEL [ANT 5]

2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5755	2.008	2.072	0.5
High	5795	2.080	2.024	0.5



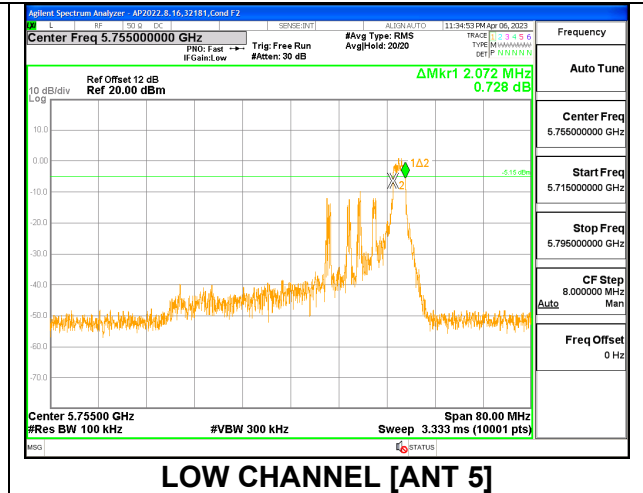
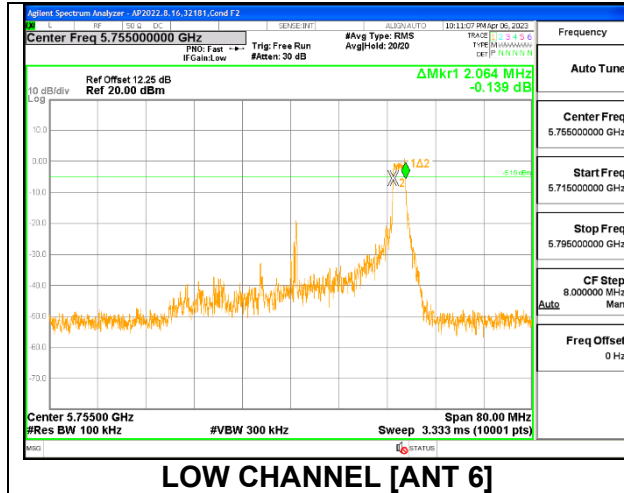
LOW CHANNEL [ANT 6]



LOW CHANNEL [ANT 5]

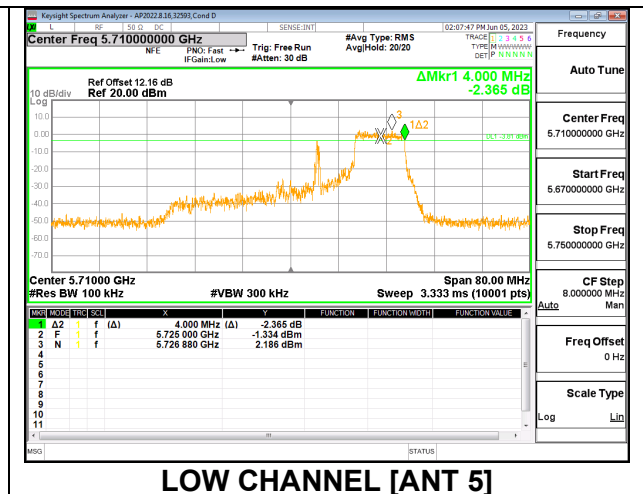
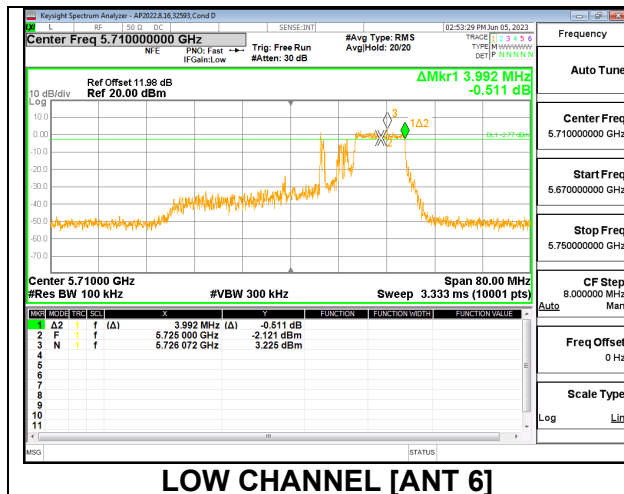
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 17

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5755	2.064	2.072	0.5
High	5795	2.008	2.024	0.5



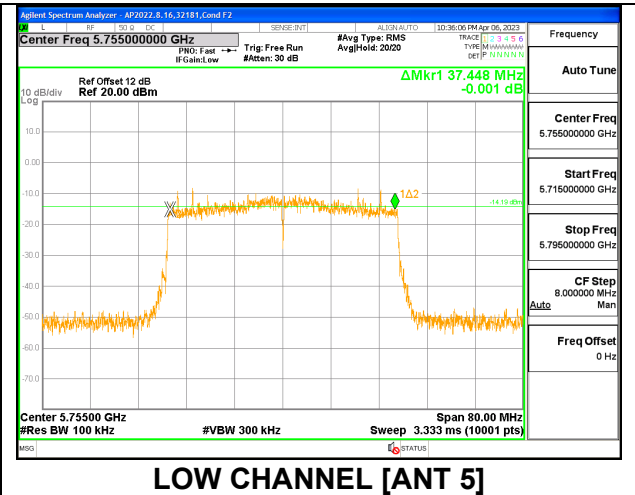
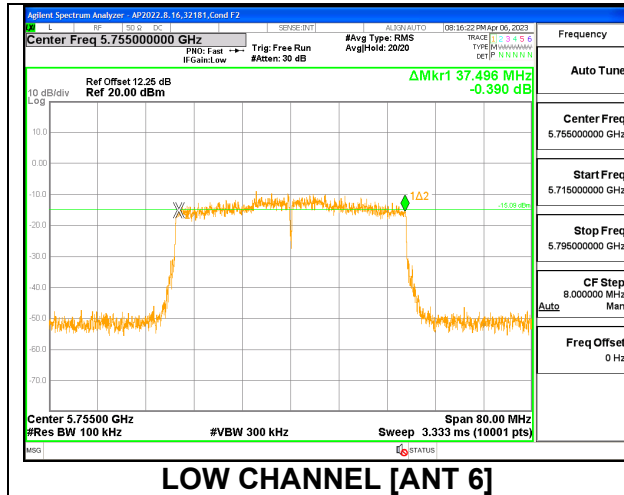
Antenna 6 + Antenna 5 CDD MODE: 106 Tones, RU Index 56

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
142	5710	3.992	4.000	0.5



2TX Antenna 6 + Antenna 5 CDD MODE: SU Mode

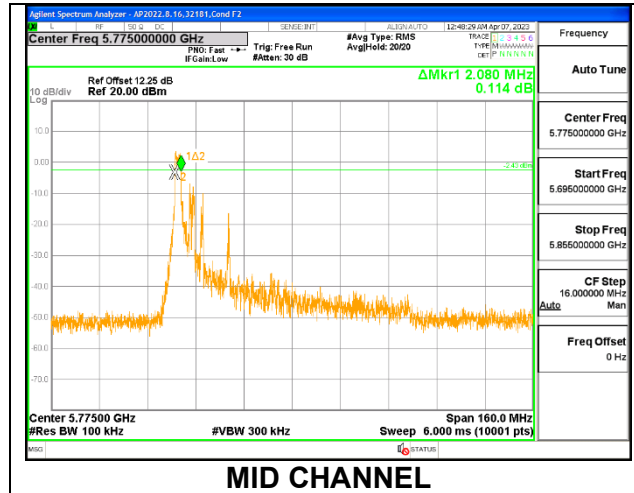
Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5755	37.496	37.448	0.5
High	5795	36.896	37.480	0.5
142	5710	4.136	4.064	0.5



9.3.6. 802.11ax HE80 MODE IN THE 5.8 GHz BAND

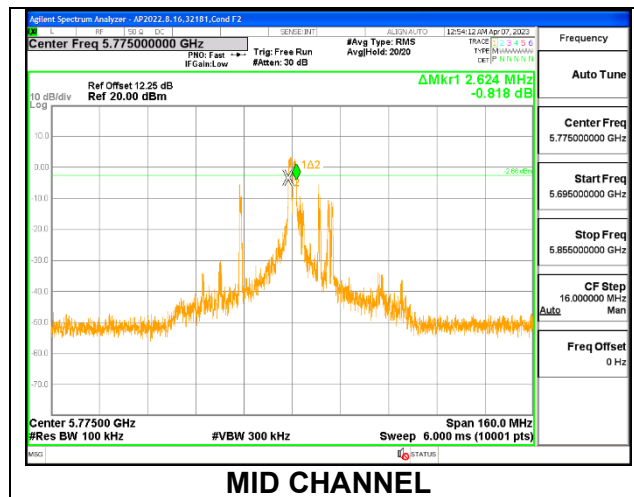
1TX Antenna 6 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	2.080	0.5



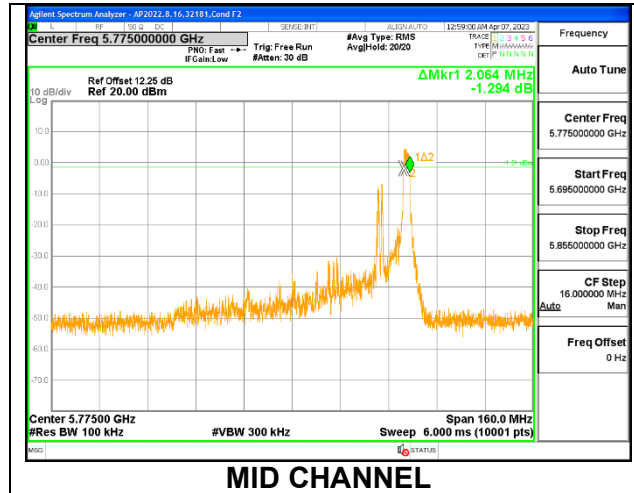
1TX Antenna 6 MODE: 26 Tones, RU Index 18

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	2.624	0.5



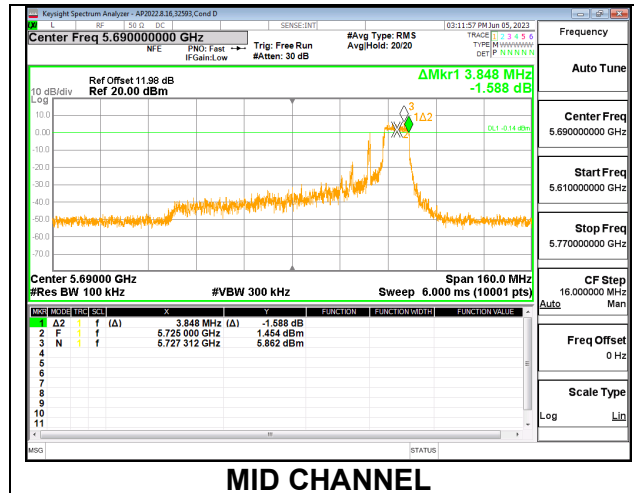
1TX Antenna 6 MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	2.064	0.5



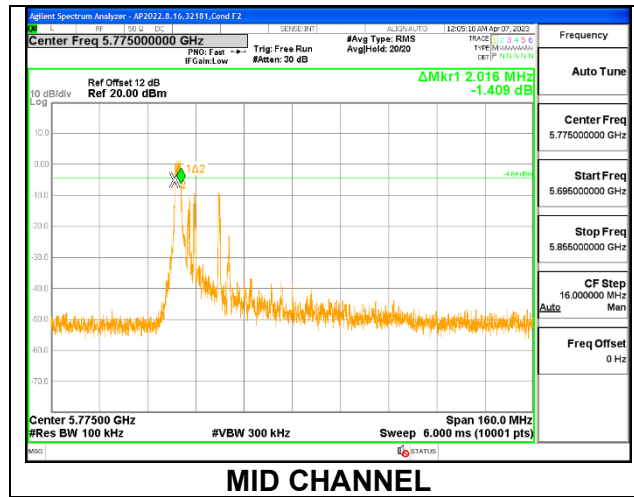
1TX Antenna 6 MODE: 106 Tones, RU Index 60

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
138	5690	3.848	0.5



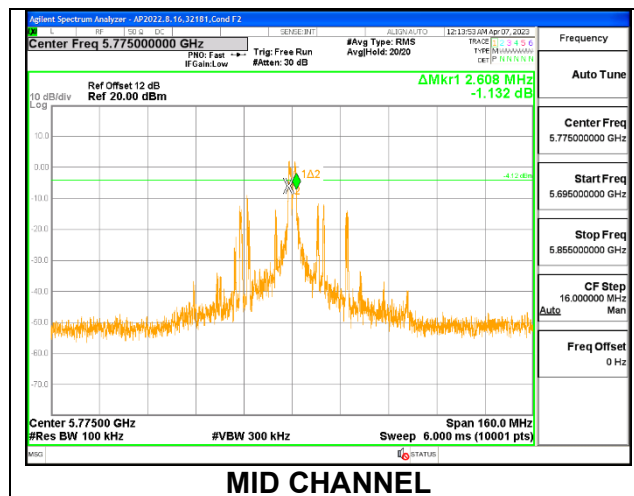
1TX Antenna 5 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	2.016	0.5



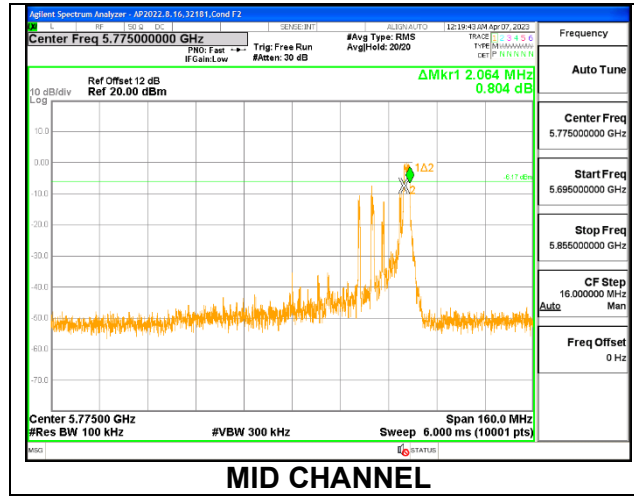
1TX Antenna 5 MODE: 26 Tones, RU Index 18

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	2.608	0.5



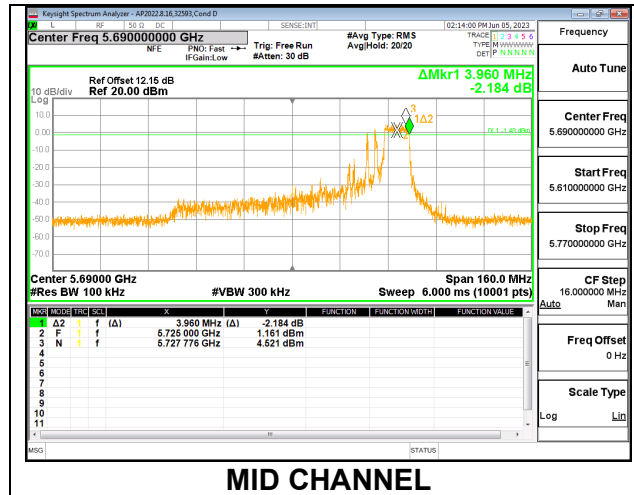
1TX Antenna 5 MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	2.064	0.5



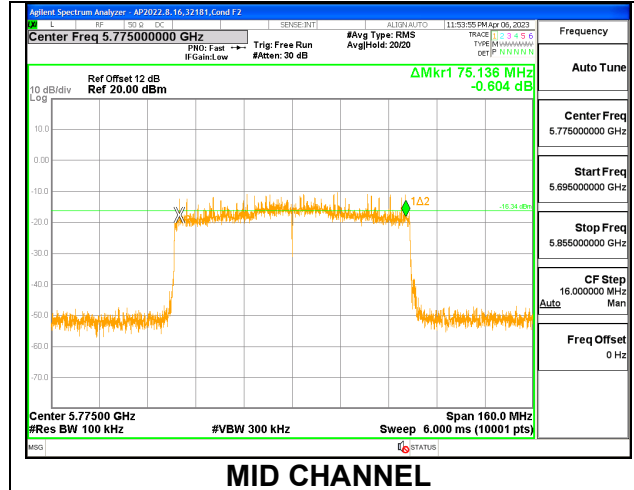
1TX Antenna 5 MODE: 106 Tones, RU Index 60

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
138	5690	3.960	0.5



1TX Antenna 5 MODE: SU Mode

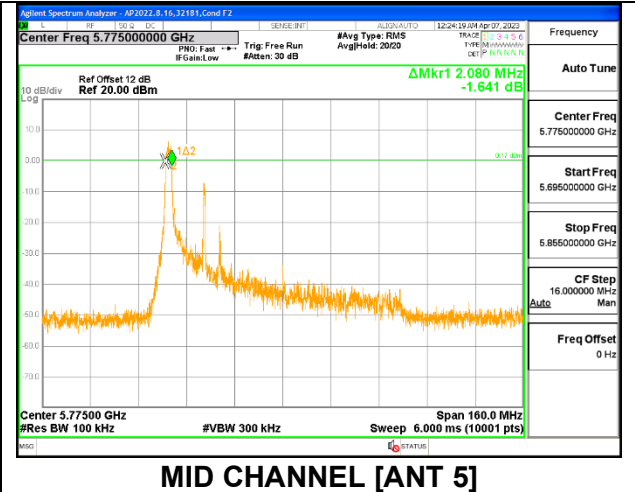
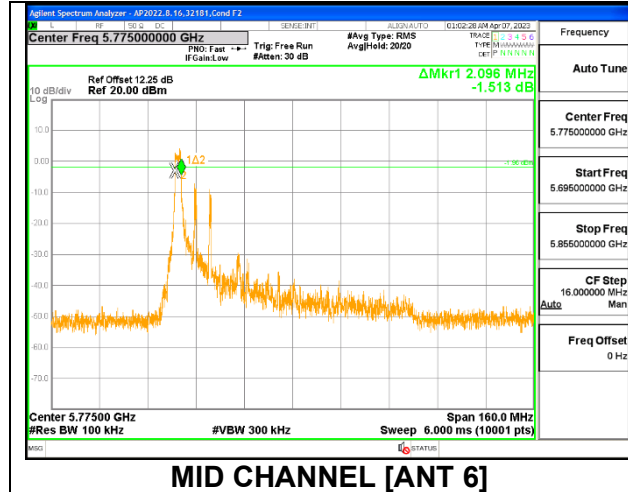
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	75.136	0.5
138	5690	4.072	0.5



MID CHANNEL

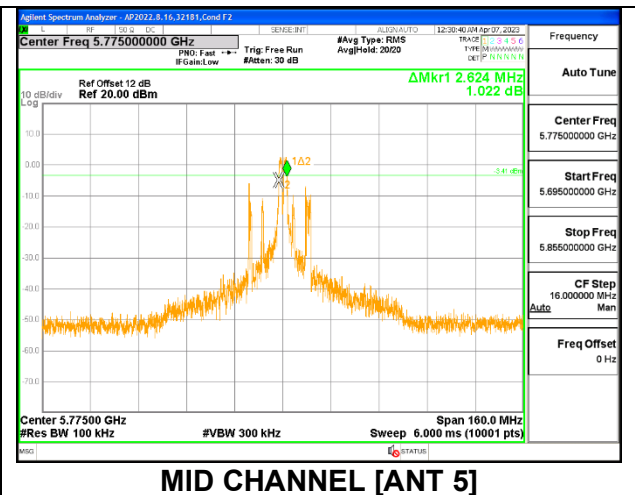
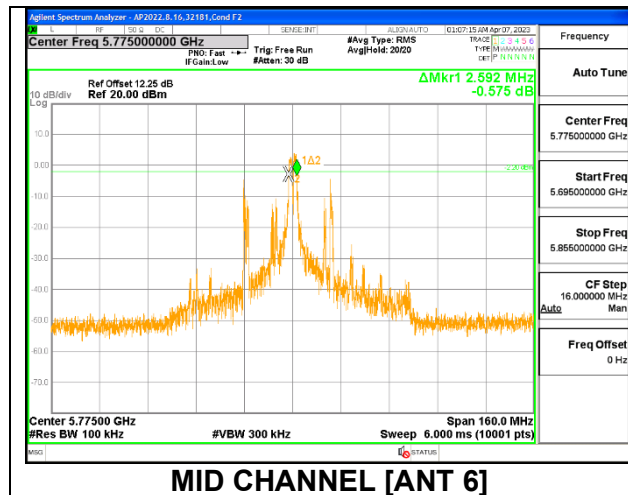
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Mid	5775	2.096	2.080	0.5



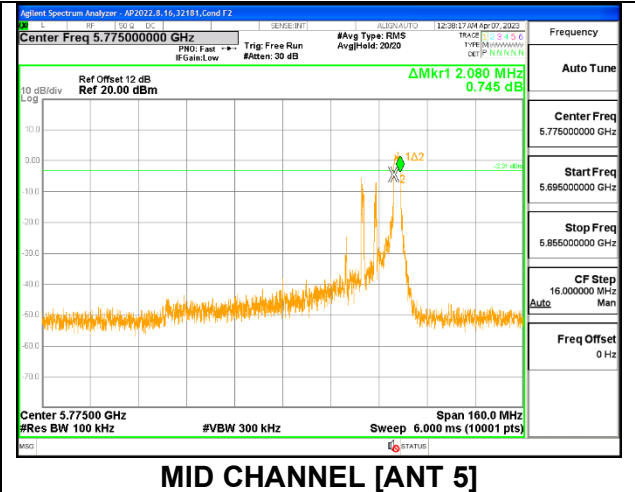
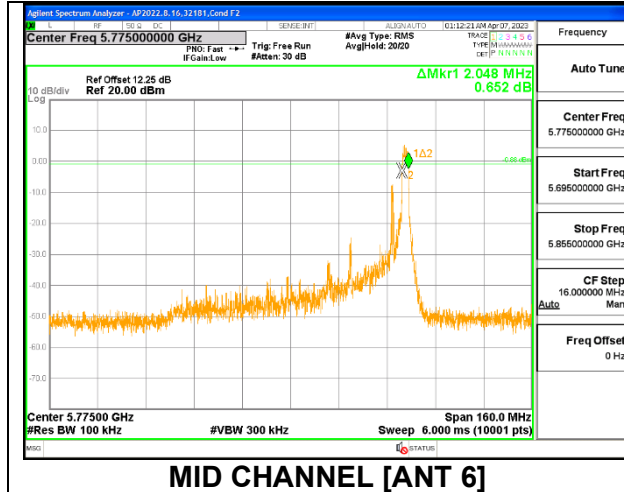
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 18

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Mid	5775	2.592	2.624	0.5



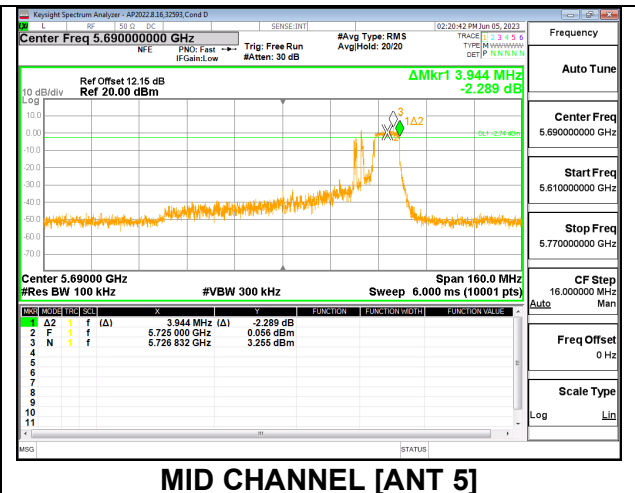
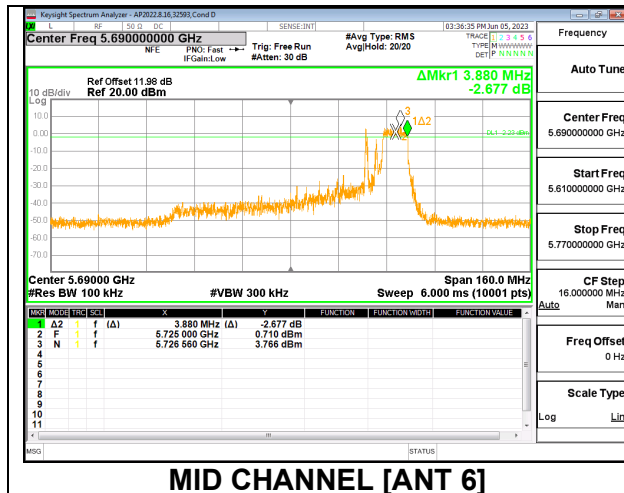
2TX Antenna 6 + Antenna 5 CDD MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Mid	5775	2.048	2.080	0.5



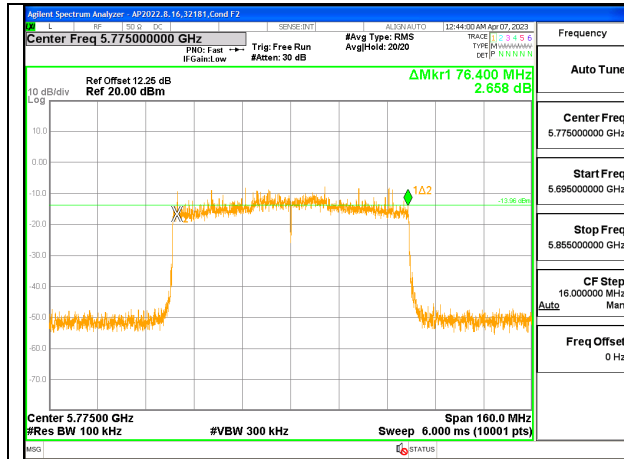
2TX Antenna 6 + Antenna 5 CDD MODE: 106 Tones, RU Index 60

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
138	5690	3.880	3.944	0.5

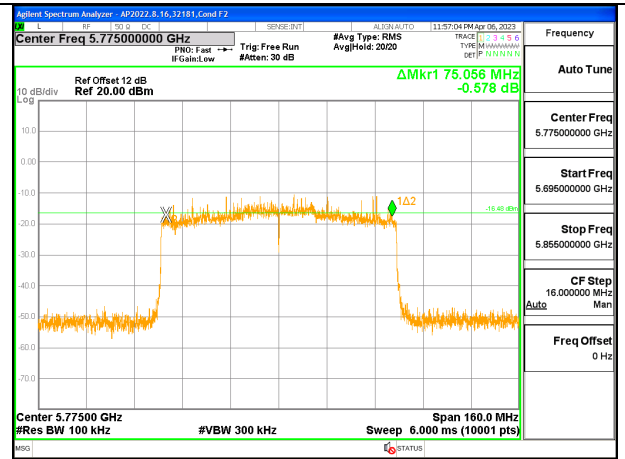


TX Antenna 6 + Antenna 5 CDD MODE: SU Mode

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Mid	5775	76.400	75.056	0.5
138	5690	3.848	3.960	0.5



MID CHANNEL [ANT 6]



MID CHANNEL [ANT 5]

9.4. OUTPUT POWER AND PSD

LIMITS

FCC §15.407

Band 5.15–5.25 GHz (pick the section that applies to your product)

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1-megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Bands 5.25-5.35 GHz and 5.47-5.725 GHz

The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1-megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Band 5.725-5.85 GHz

The maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information.

TEST PROCEDURE

The measurement method used for output power is KDB 789033 D02 v02r01, Section E.3.b (Method PM-G).

The measurement method used for power spectral density is KDB 789033 D02 v02r01, Section F.

For all straddle channels, full bandwidth power and PSD/MHz are reported in the 5.6GHz section because the combined 5.6GHz and 5.8GHz power and PSD/MHz already passed the worst-case 5.6GHz power and 5.8 GHz PSD/500kHz limits.

11n HT20 and 11ax HE20 straddle channel 26dB bandwidth= (26dB BW/2)+5

DIRECTIONAL ANTENNA GAIN

For 1 TX:

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

For 2 TX:

Tx chains are uncorrelated for power and correlated for PSD due to the device supporting CDD in all MIMO modes. The directional gains are as follows:

Band (GHz)	ANT6 Gain (dBi)	ANT5 Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)	Correlated Chains Directional Gain (dBi)
5.2	-3.20	-4.50	-3.80	-0.82
5.3	-2.90	-4.90	-3.79	-0.83
5.6	-2.00	-3.80	-2.81	0.16
5.8	-2.00	-4.00	-2.89	0.07

DIRECTIONAL GAIN CALCULATION:

ANSI C63.10-2013 section 14.4.3

Uncorrelated directional gain= $10 \cdot \text{LOG}((10^{(\text{Ant6}/10)} + 10^{(\text{Ant5}/10)})/2)$

Correlated directional Gain= $10 \cdot \text{LOG}(((10^{(\text{Ant6}/20)} + 10^{(\text{Ant5}/20)})^2)/2)$

Sample Calculation at 5.2GHz Band:

Ant6=-3.20, Ant5=-4.50

Uncorrelated Antenna gain= $10 \log[(10^{(-3.20/10)} + 10^{(-4.50/10)})/2] = -3.80 \text{dBi}$

Correlated Antenna gain= $10 \log[(10^{(-3.20/20)} + 10^{(-4.50/20)})^2/2] = -0.82 \text{dBi}$