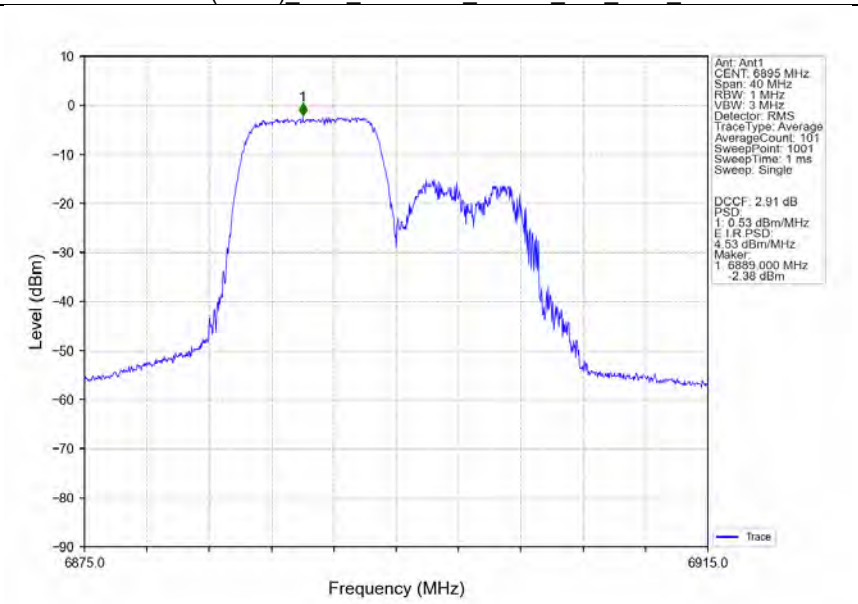
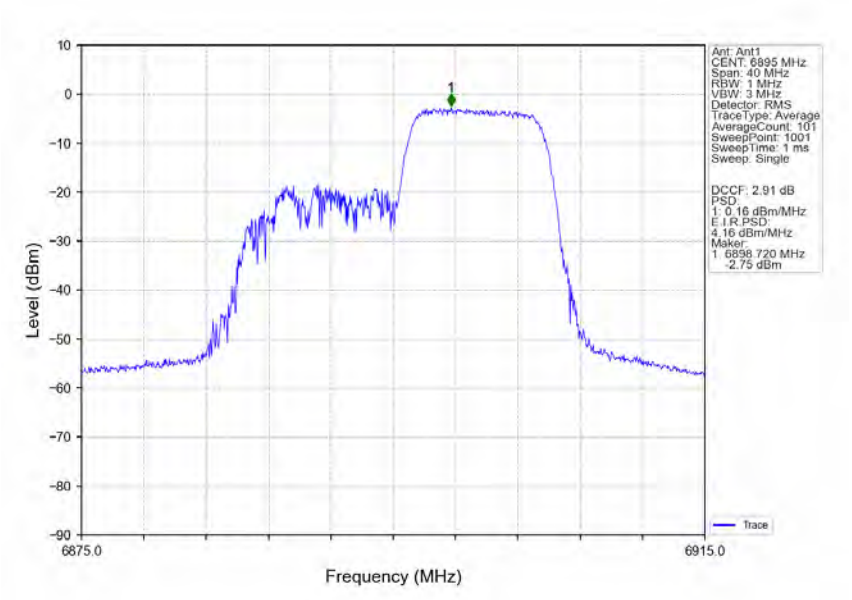
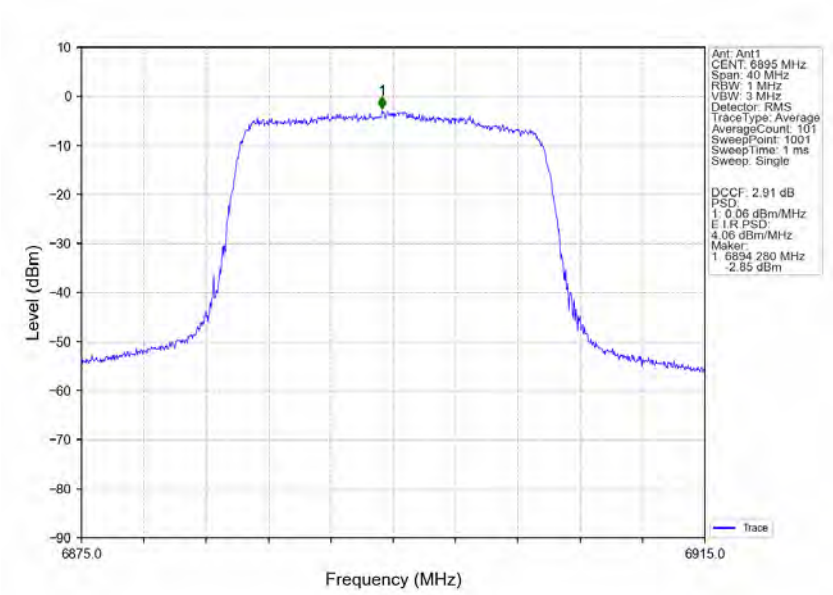
802.11ax(HE20)_LCH_6895MHz_RU106_Left_Ant1_NTNV



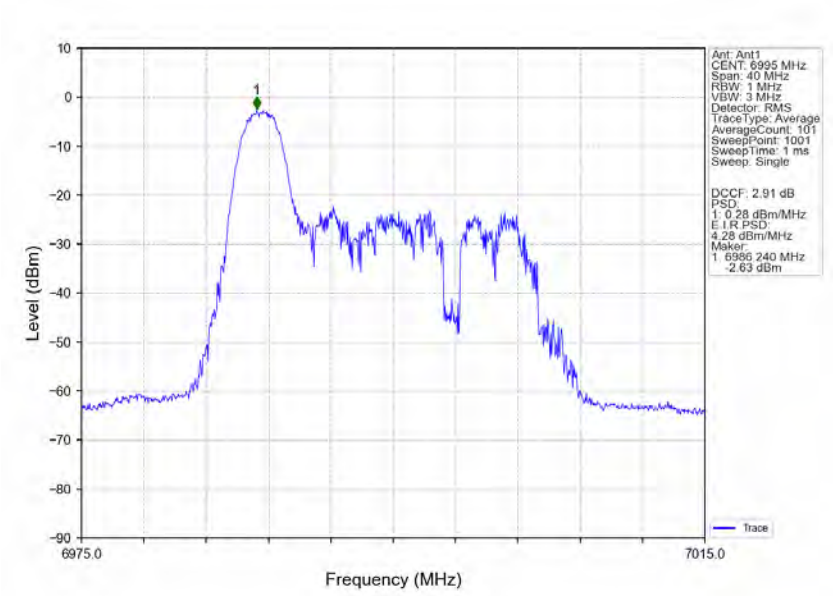
802.11ax(HE20)_LCH_6895MHz_RU106_Right_Ant1_NTNV



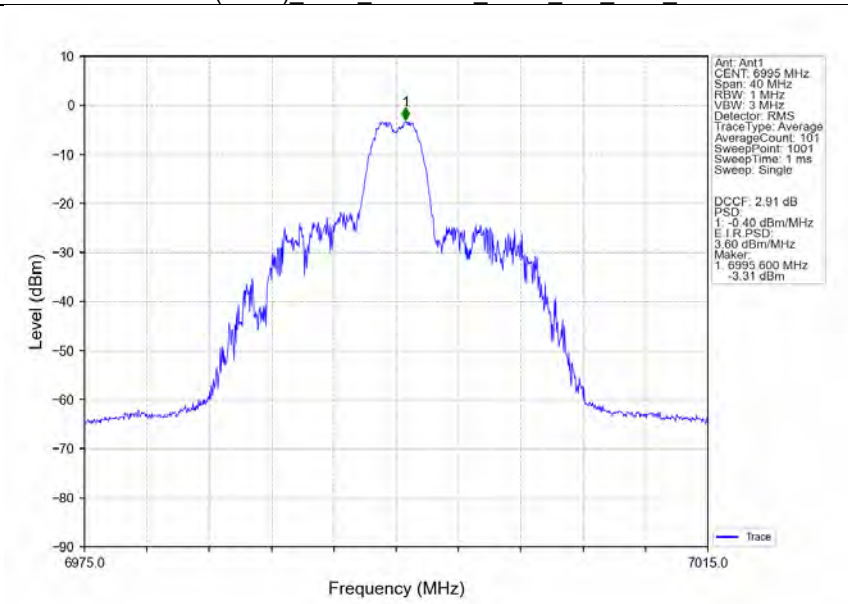
802.11ax(HE20)_LCH_6895MHz_RU242_Ant1_NTNV



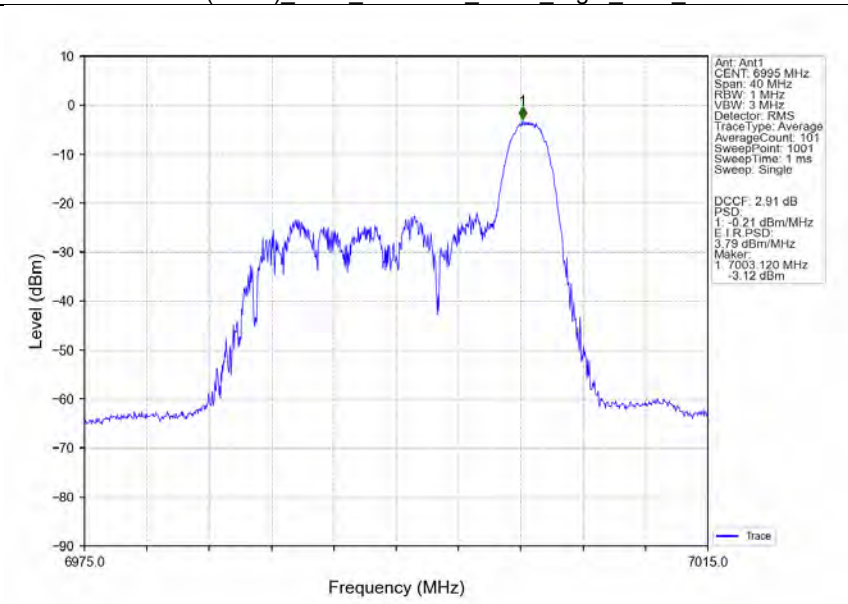
802.11ax(HE20)_MCH_6995MHz_RU26_Left_Ant1_NTNV



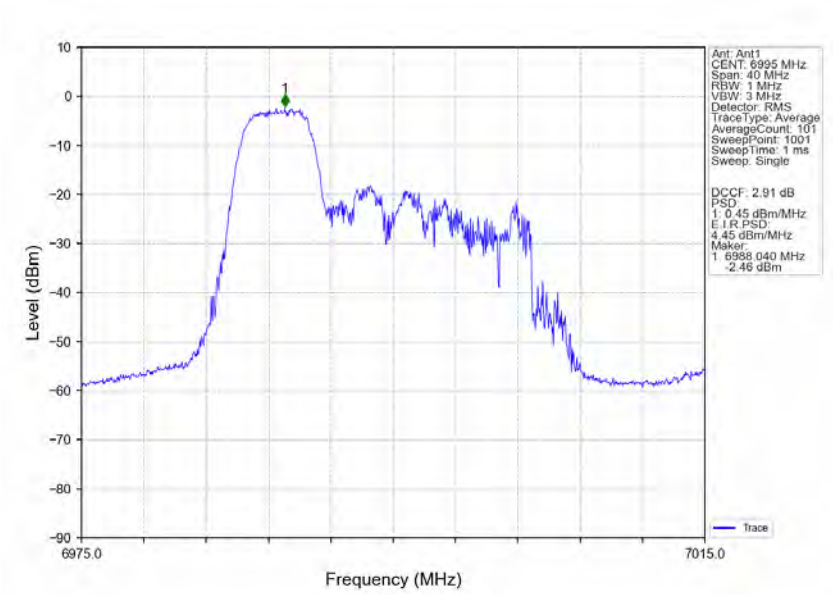
802.11ax(HE20)_MCH_6995MHz_RU26_Mid_Ant1_NTNV



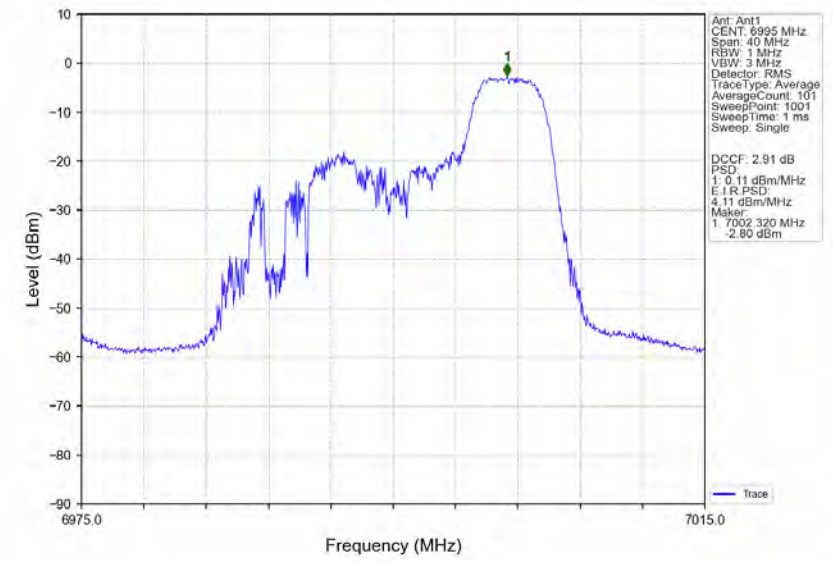
802.11ax(HE20)_MCH_6995MHz_RU26_Right_Ant1_NTNV



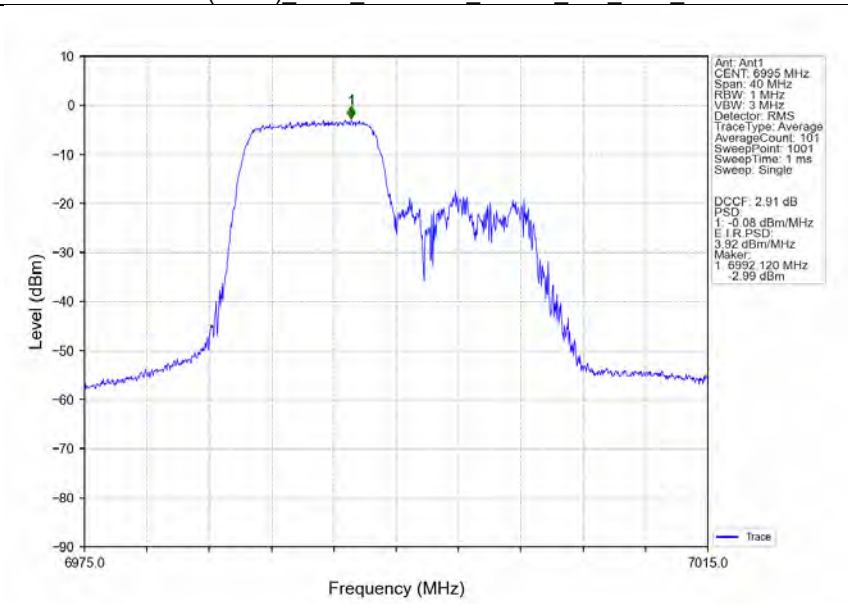
802.11ax(HE20)_MCH_6995MHz_RU52_Left_Ant1_NTNV



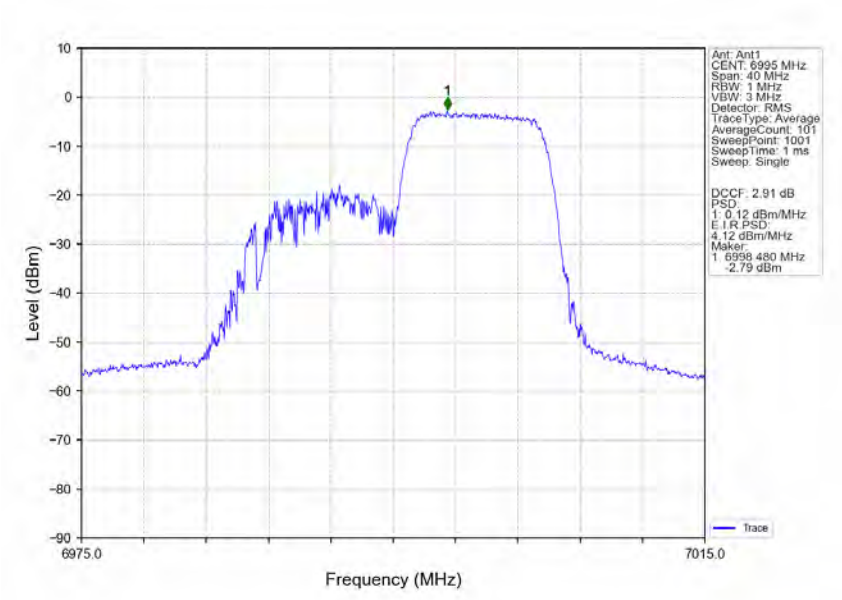
802.11ax(HE20)_MCH_6995MHz_RU52_Right_Ant1_NTNV



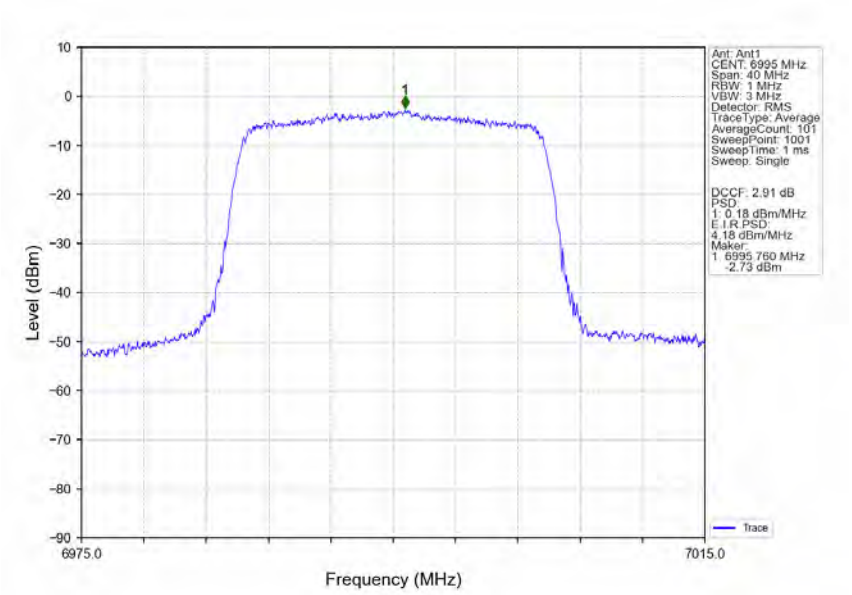
802.11ax(HE20)_MCH_6995MHz_RU106_Left_Ant1_NTNV



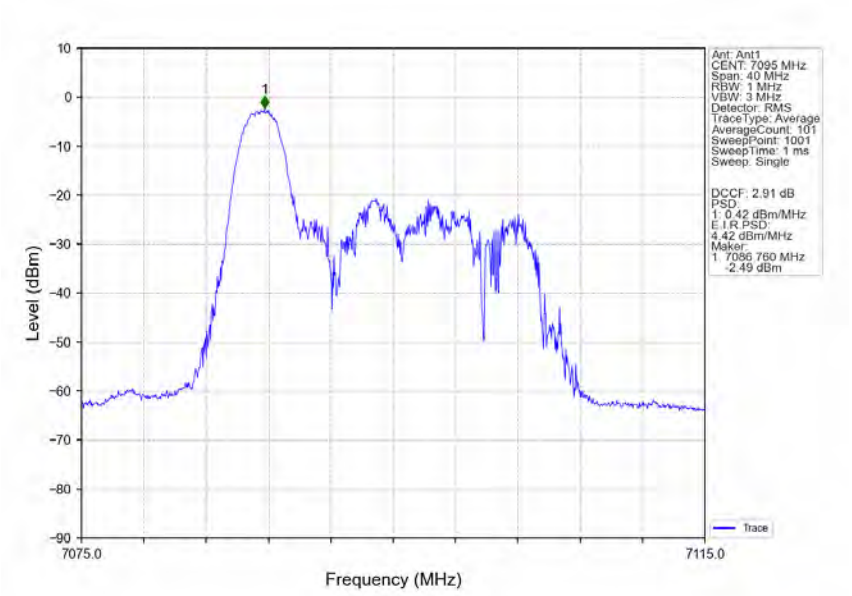
802.11ax(HE20)_MCH_6995MHz_RU106_Right_Ant1_NTNV



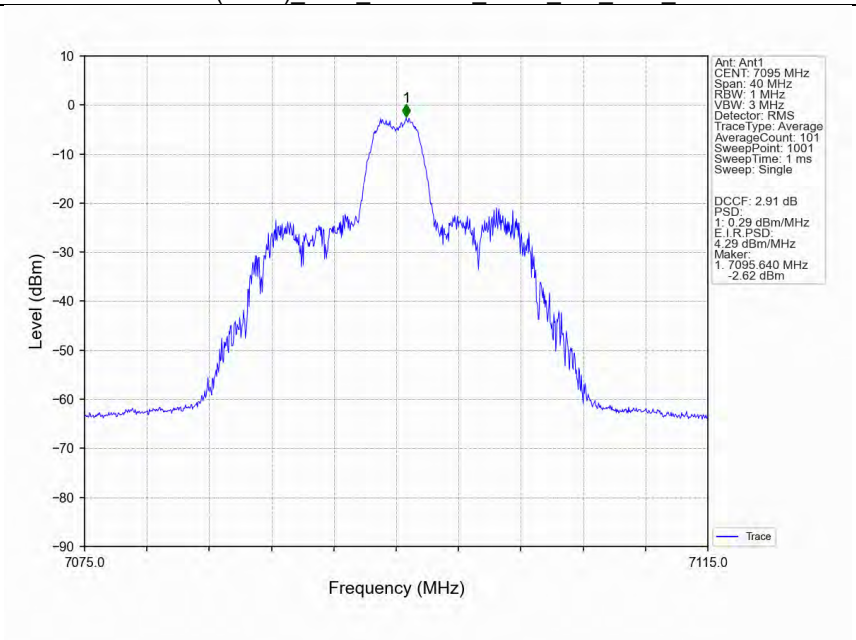
802.11ax(HE20)_MCH_6995MHz_RU242_Ant1_NTNV



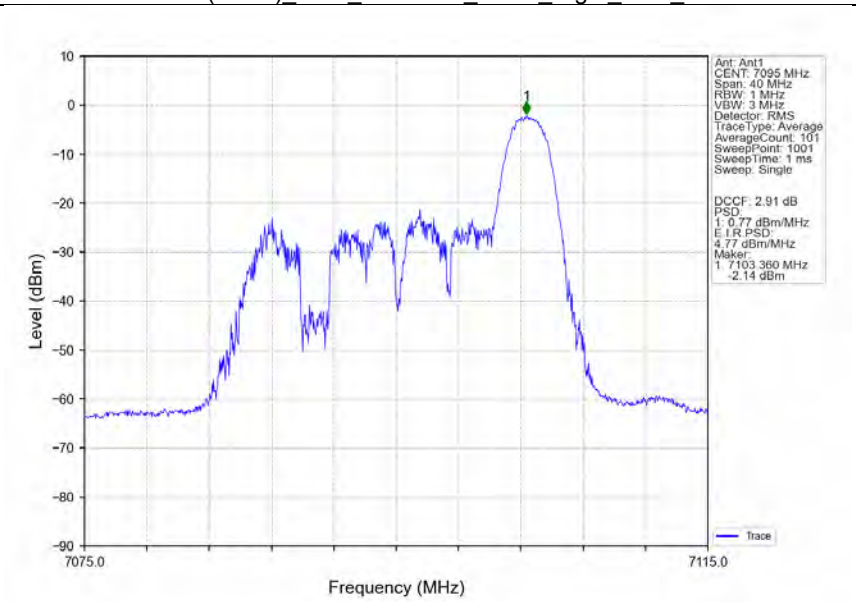
802.11ax(HE20)_HCH_7095MHz_RU26_Left_Ant1_NTNV



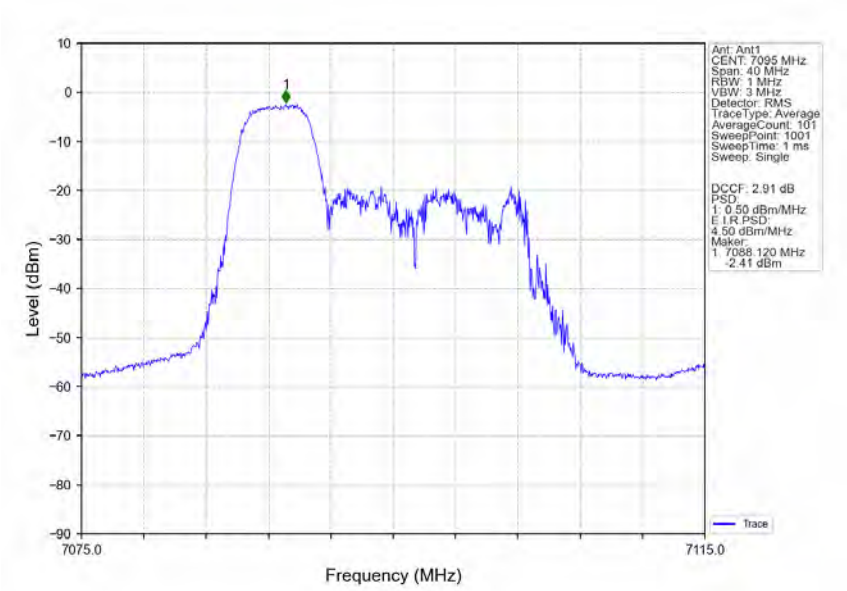
802.11ax(HE20)_HCH_7095MHz_RU26_Mid_Ant1_NTNV



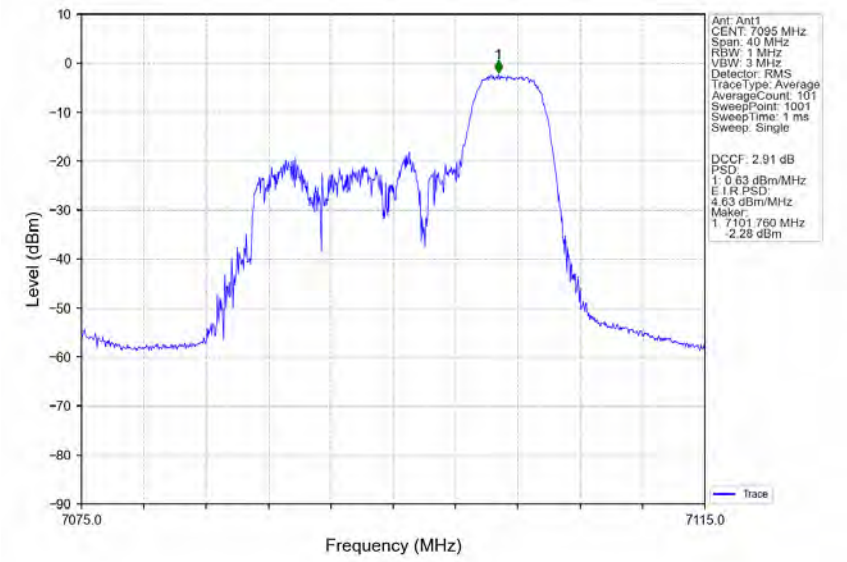
802.11ax(HE20)_HCH_7095MHz_RU26_Right_Ant1_NTNV



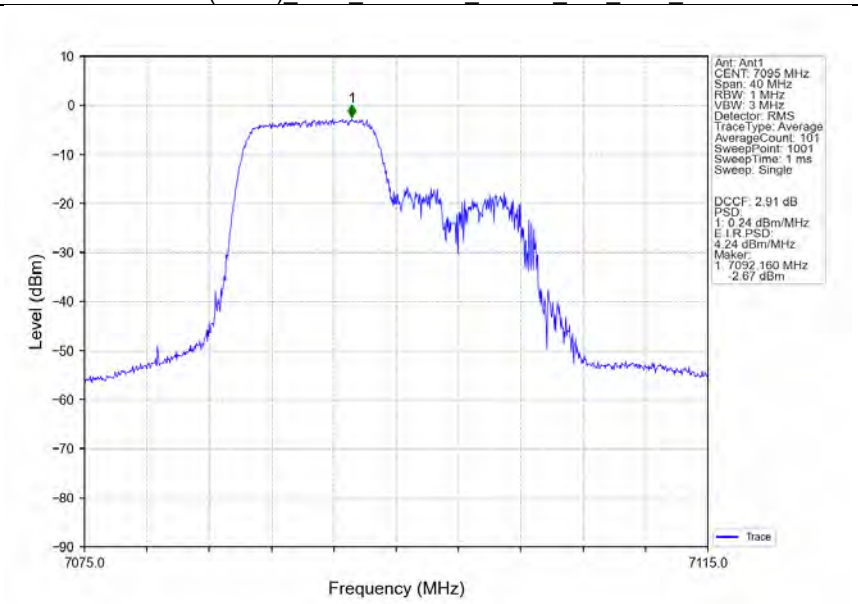
802.11ax(HE20)_HCH_7095MHz_RU52_Left_Ant1_NTNV



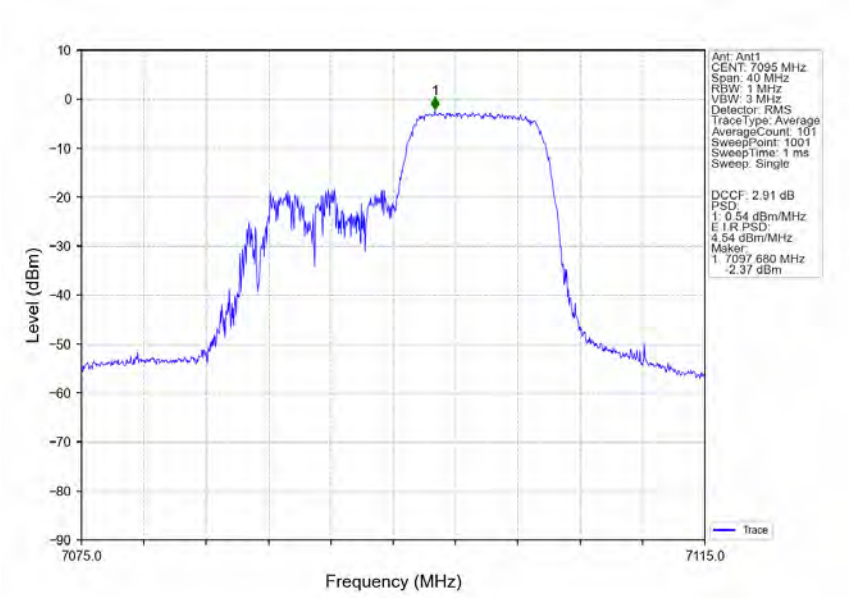
802.11ax(HE20)_HCH_7095MHz_RU52_Right_Ant1_NTNV



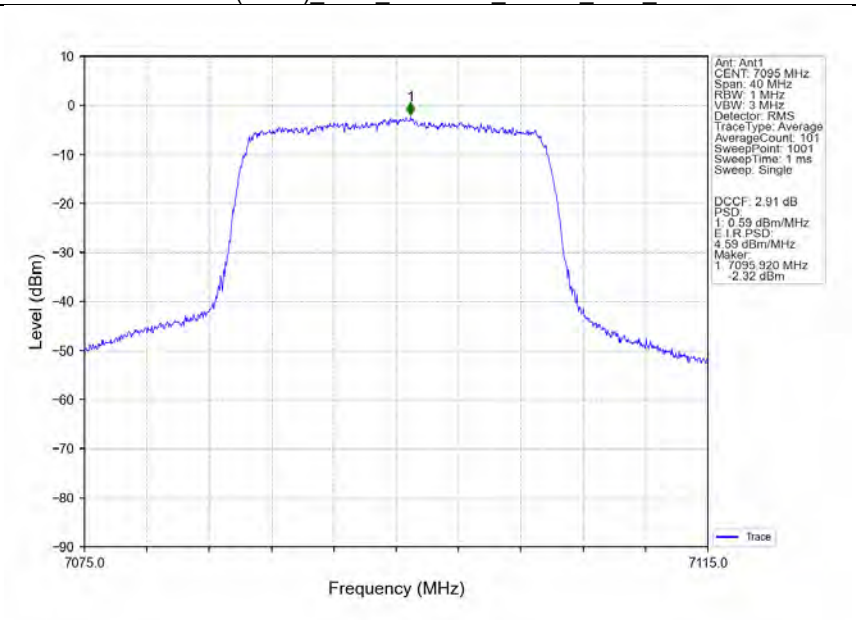
802.11ax(HE20)_HCH_7095MHz_RU106_Left_Ant1_NTNV



802.11ax(HE20)_HCH_7095MHz_RU106_Right_Ant1_NTNV

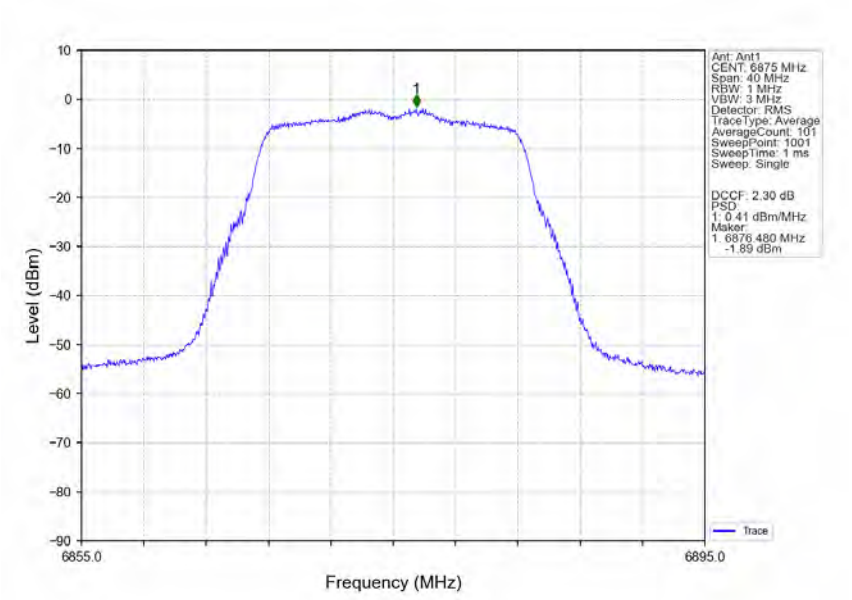


802.11ax(HE20)_HCH_7095MHz_RU242_Ant1_NTNV

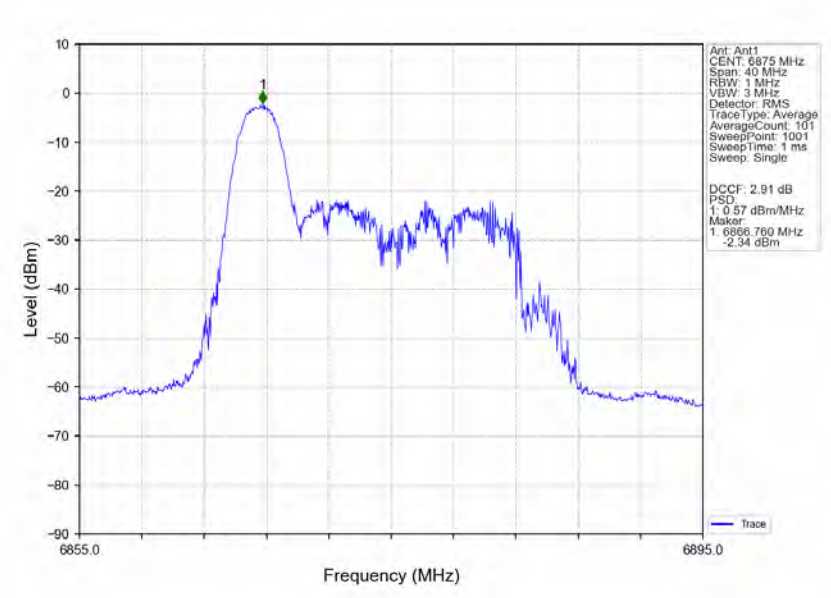


4.2.9 PSD

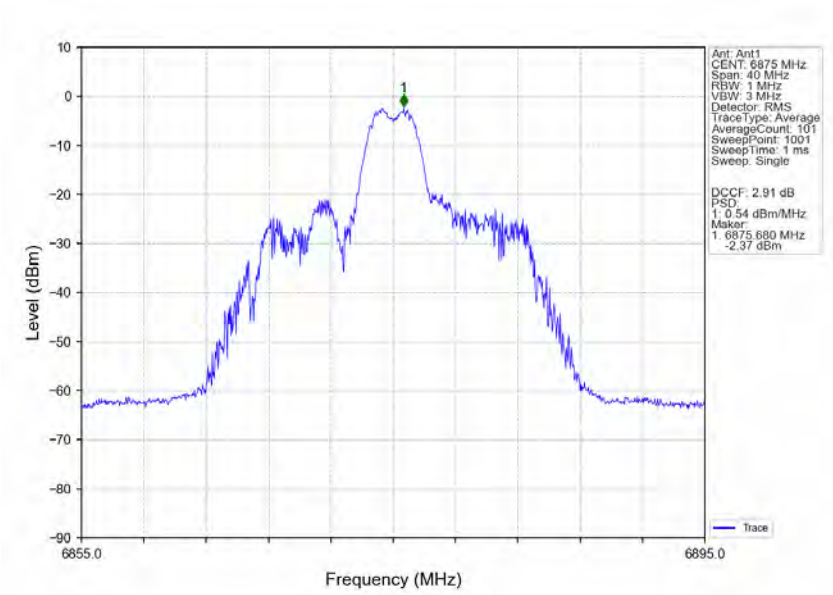
802.11a_HCH_6875MHz_Ant1_NTNV



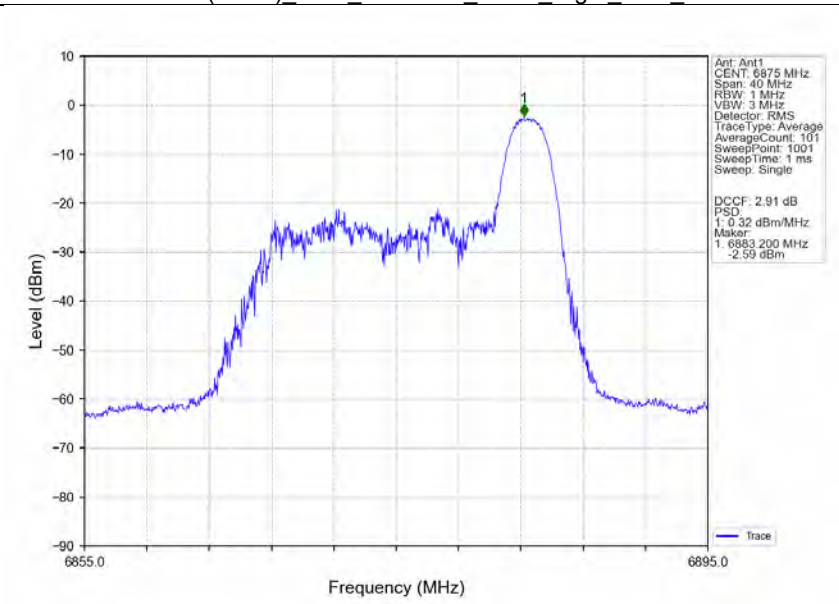
802.11ax(HE20)_HCH_6875MHz_RU26_Left_Ant1_NTNV


Ant: Ant1
CENT: 6875 MHz
Span: 40 MHz
RBW: 1 MHz
VBW: 3 MHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 1001
SweepTime: 1 ms
Sweep: Single
DCCF: 2.91 dB
PSD:
1: 0.57 dBm/MHz
Maker:
1. 6866.760 MHz
-2.34 dBm
Trace
Level (dBm)
Frequency (MHz)
6855.0
6895.0
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90

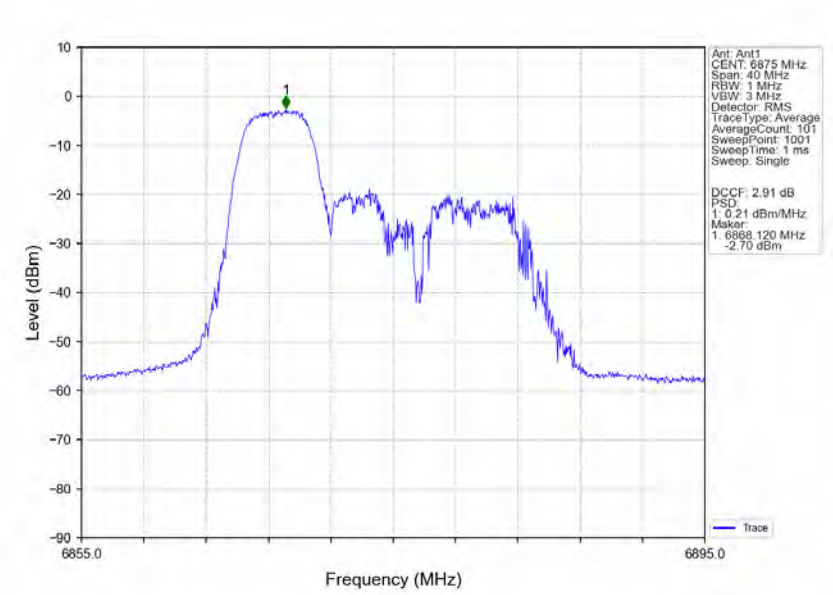
802.11ax(HE20)_HCH_6875MHz_RU26_Mid_Ant1_NTNV



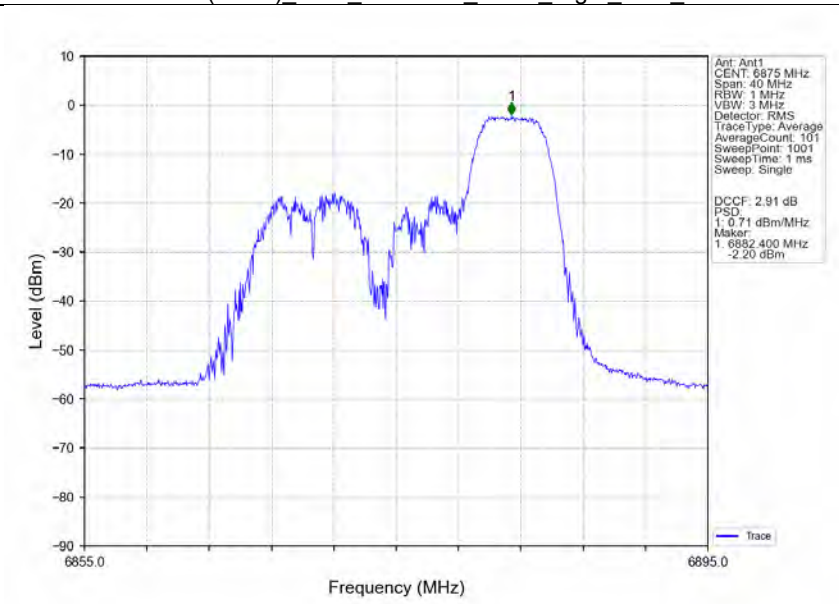
802.11ax(HE20)_HCH_6875MHz_RU26_Right_Ant1_NTNV



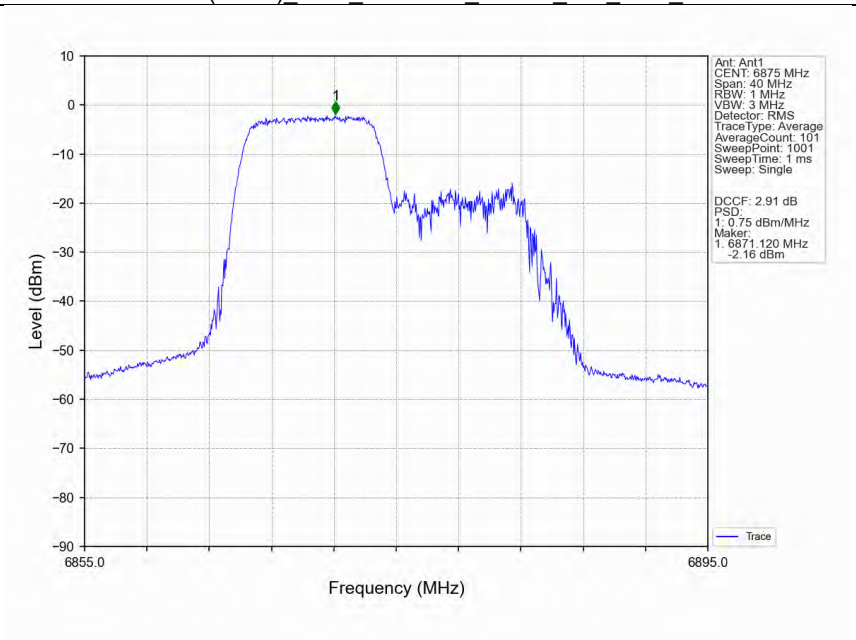
802.11ax(HE20)_HCH_6875MHz_RU52_Left_Ant1_NTNV



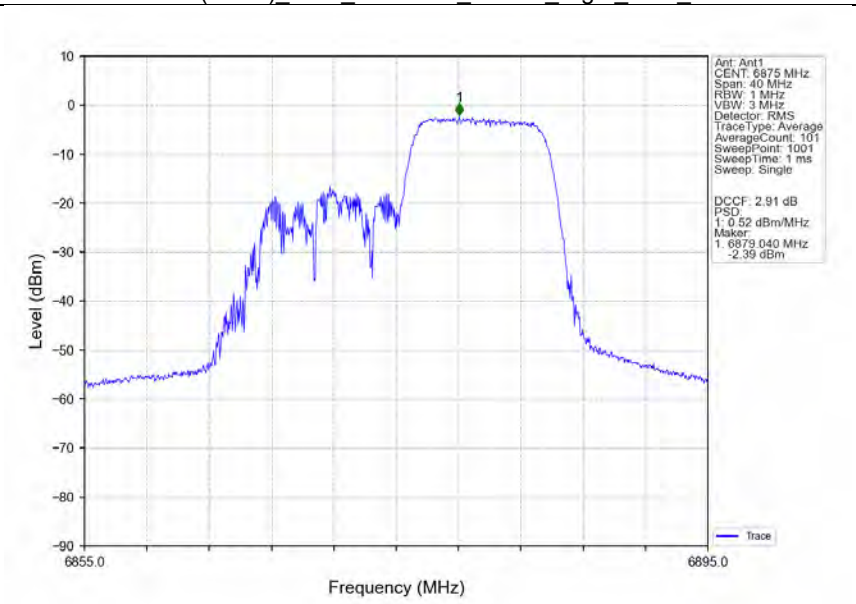
802.11ax(HE20)_HCH_6875MHz_RU52_Right_Ant1_NTNV



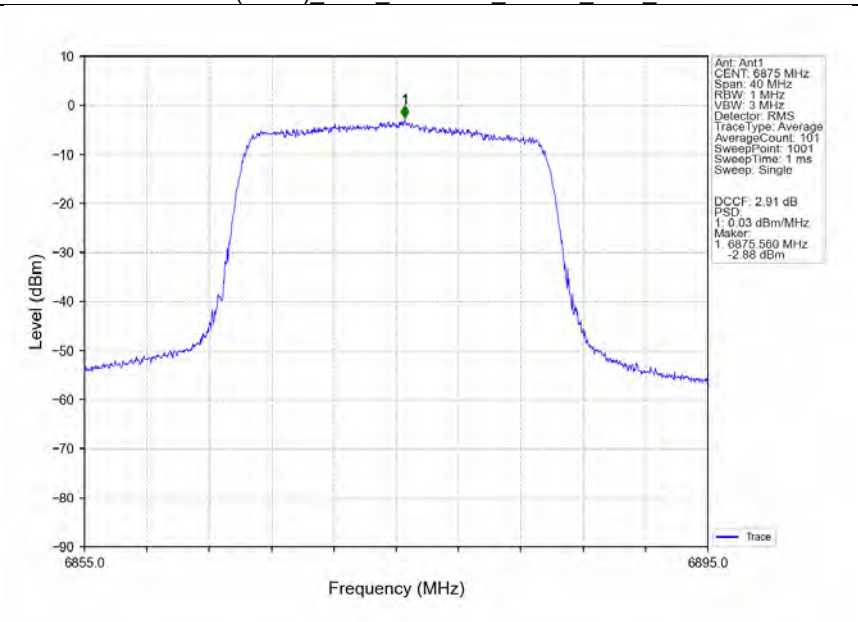
802.11ax(HE20)_HCH_6875MHz_RU106_Left_Ant1_NTNV



802.11ax(HE20)_HCH_6875MHz_RU106_Right_Ant1_NTNV

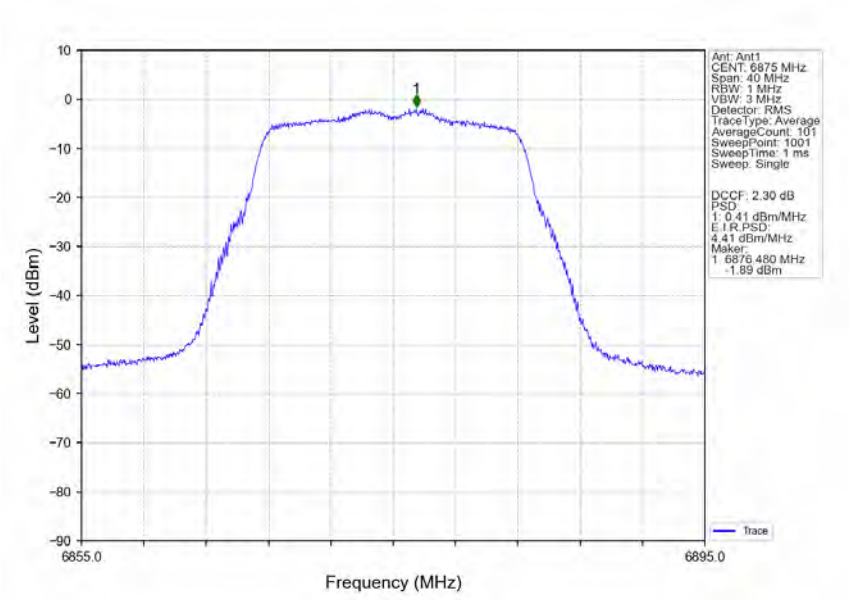


802.11ax(HE20)_HCH_6875MHz_RU242_Ant1_NTNV

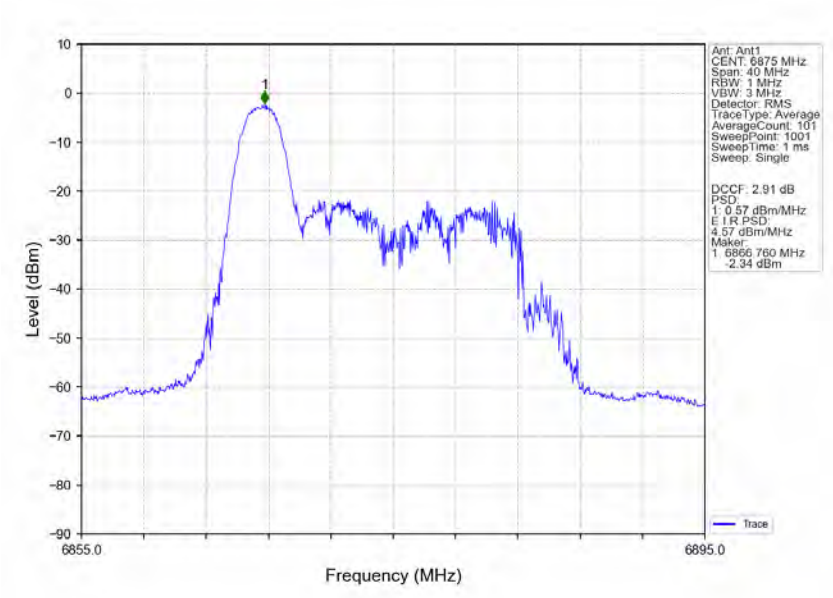


4.2.10 E.I.R.PSD

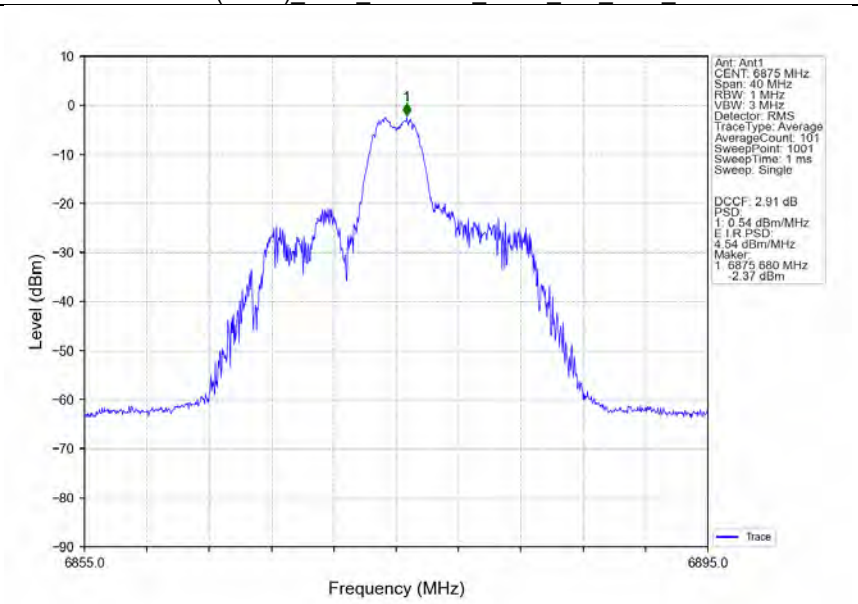
802.11a_HCH_6875MHz_Ant1_NTNV



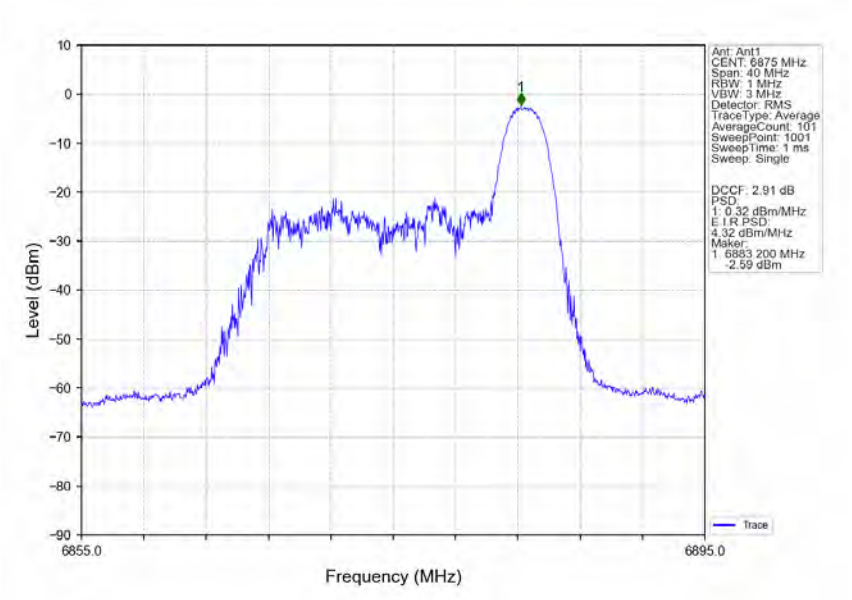
802.11ax(HE20)_HCH_6875MHz_RU26_Left_Ant1_NTNV


Ant: Ant1
CENT: 6875 MHz
Span: 40 MHz
RBW: 1 MHz
VBW: 3 MHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 1001
SweepTime: 1 ms
Sweep: Single
DCCF: 2.91 dB
PSD:
1: 0.57 dBm/MHz
E.I.R.PSD:
4.57 dBm/MHz
Maker:
1. 6866.760 MHz
-2.34 dBm
Trace
Level (dBm)
Frequency (MHz)
6855.0
6895.0

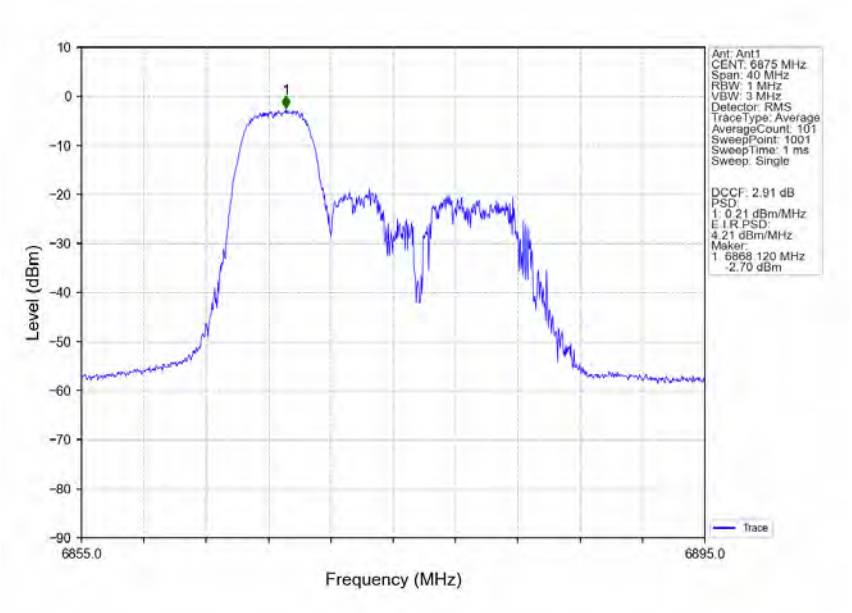
802.11ax(HE20)_HCH_6875MHz_RU26_Mid_Ant1_NTNV



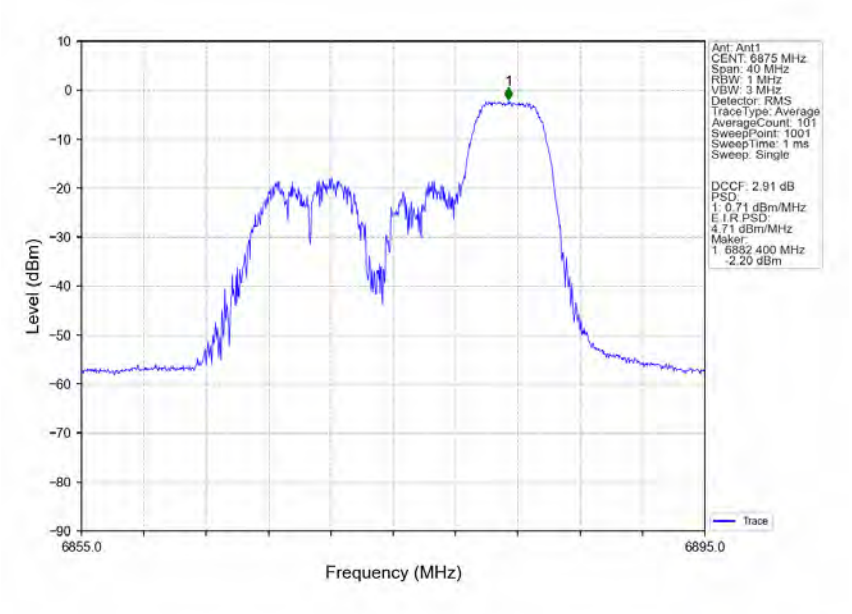
802.11ax(HE20)_HCH_6875MHz_RU26_Right_Ant1_NTNV



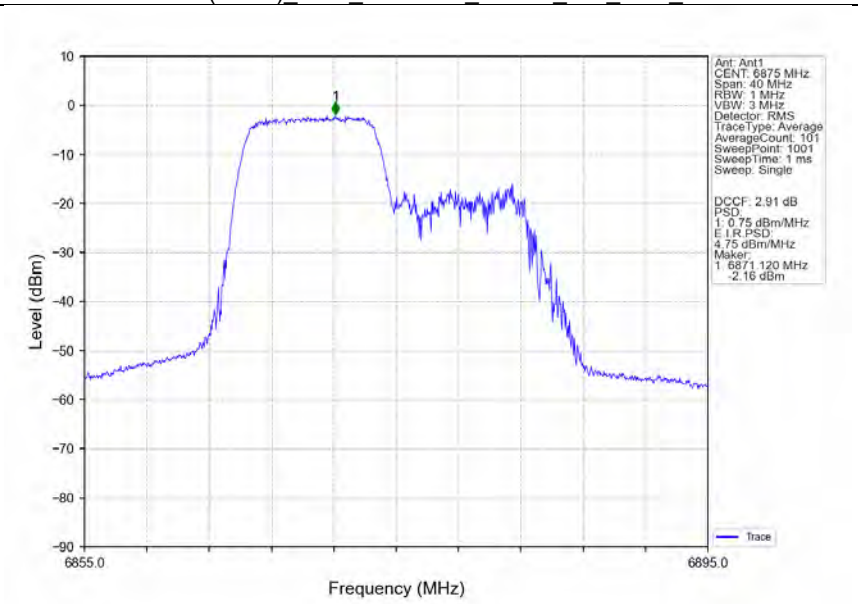
802.11ax(HE20)_HCH_6875MHz_RU52_Left_Ant1_NTNV



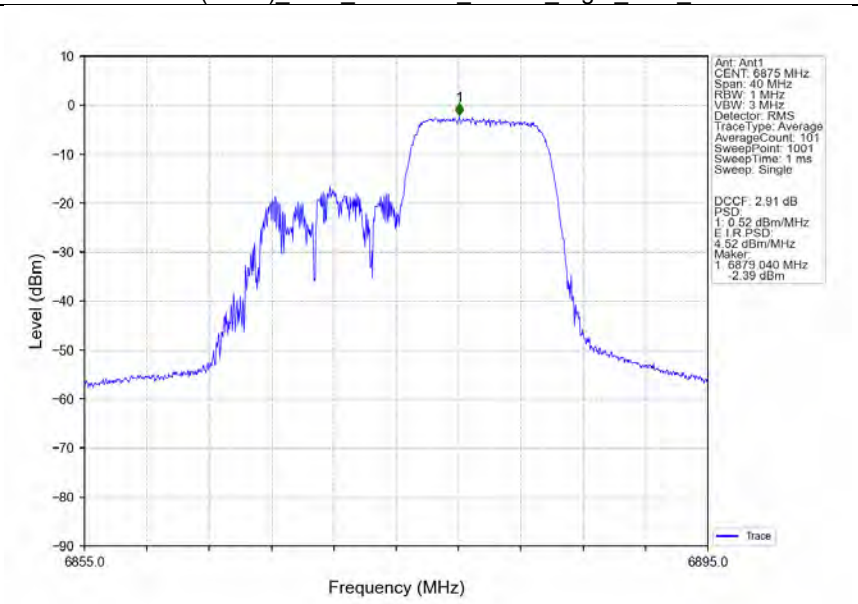
802.11ax(HE20)_HCH_6875MHz_RU52_Right_Ant1_NTNV



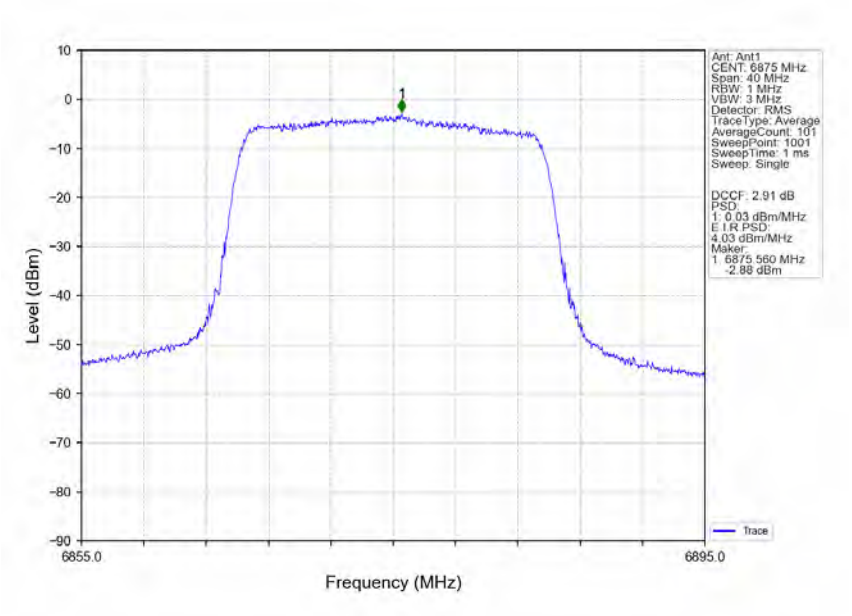
802.11ax(HE20)_HCH_6875MHz_RU106_Left_Ant1_NTNV



802.11ax(HE20)_HCH_6875MHz_RU106_Right_Ant1_NTNV



802.11ax(HE20)_HCH_6875MHz_RU242_Ant1_NTNV



5. Frequency Stability

5.1 Test Result

5.1.1 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VDC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
NTNV	802.11a	SISO	5955	/	/	20	2.805	5954.980	5925 to 6425	Pass
							3.300	5955.000	5925 to 6425	Pass
							3.795	5955.040	5925 to 6425	Pass
						-20	3.300	5955.100	5925 to 6425	Pass
						50	3.300	5954.980	5925 to 6425	Pass
			6175	/	/	20	2.805	6174.980	5925 to 6425	Pass
							3.300	6175.040	5925 to 6425	Pass
							3.795	6175.000	5925 to 6425	Pass
						-20	3.300	6175.040	5925 to 6425	Pass
						50	3.300	6175.040	5925 to 6425	Pass
			6415	/	/	20	2.805	6415.100	5925 to 6425	Pass
							3.300	6415.040	5925 to 6425	Pass
							3.795	6415.040	5925 to 6425	Pass
						-20	3.300	6414.960	5925 to 6425	Pass
						50	3.300	6415.000	5925 to 6425	Pass
	802.11ax (HE20)	SISO	5955	RU242	Left	20	2.805	5955.020	5925 to 6425	Pass
							3.300	5955.000	5925 to 6425	Pass
							3.795	5955.020	5925 to 6425	Pass
						-20	3.300	5955.020	5925 to 6425	Pass
						50	3.300	5955.040	5925 to 6425	Pass
			6175	RU242	Left	20	2.805	6175.100	5925 to 6425	Pass
							3.300	6174.980	5925 to 6425	Pass
							3.795	6175.040	5925 to 6425	Pass
						-20	3.300	6174.960	5925 to 6425	Pass
						50	3.300	6174.980	5925 to 6425	Pass
			6415	RU242	Left	20	2.805	6415.020	5925 to 6425	Pass
							3.300	6415.000	5925 to 6425	Pass
							3.795	6415.060	5925 to 6425	Pass
						-20	3.300	6415.000	5925 to 6425	Pass
						50	3.300	6415.000	5925 to 6425	Pass

5.1.2 Ant1

Ant1										
ENV	Mode	TX	Frequency	RU	RU	Temperature	Voltage	Measured	Limit	Verdict

		Type	(MHz)		Pos	(°C)	(VDC)	Frequency (MHz)	(MHz)	
NTNV	802.11a	SISO	6435	/	/	20	2.805	6434.980	6425 to 6525	Pass
							3.300	6435.000	6425 to 6525	Pass
							3.795	6434.980	6425 to 6525	Pass
						-20	3.300	6434.960	6425 to 6525	Pass
						50	3.300	6434.940	6425 to 6525	Pass
			6475	/	/	20	2.805	6474.960	6425 to 6525	Pass
							3.300	6475.000	6425 to 6525	Pass
							3.795	6474.960	6425 to 6525	Pass
						-20	3.300	6474.980	6425 to 6525	Pass
						50	3.300	6475.000	6425 to 6525	Pass
			6515	/	/	20	2.805	6515.060	6425 to 6525	Pass
							3.300	6515.080	6425 to 6525	Pass
							3.795	6514.960	6425 to 6525	Pass
						-20	3.300	6515.020	6425 to 6525	Pass
						50	3.300	6514.980	6425 to 6525	Pass
	802.11ax (HE20)	SISO	6435	RU242	/	20	2.805	6434.960	6425 to 6525	Pass
							3.300	6435.000	6425 to 6525	Pass
							3.795	6434.960	6425 to 6525	Pass
						-20	3.300	6435.040	6425 to 6525	Pass
						50	3.300	6434.980	6425 to 6525	Pass
			6475	RU242	/	20	2.805	6475.020	6425 to 6525	Pass
							3.300	6474.980	6425 to 6525	Pass
							3.795	6475.020	6425 to 6525	Pass
						-20	3.300	6475.040	6425 to 6525	Pass
						50	3.300	6474.960	6425 to 6525	Pass
			6515	RU242	/	20	2.805	6515.000	6425 to 6525	Pass
							3.300	6515.060	6425 to 6525	Pass
							3.795	6515.020	6425 to 6525	Pass
						-20	3.300	6515.020	6425 to 6525	Pass
						50	3.300	6515.020	6425 to 6525	Pass

5.1.3 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VDC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
NTNV	802.11a	SISO	6535	/	/	20	2.805	6534.960	6525 to 6875	Pass
							3.300	6535.040	6525 to 6875	Pass
							3.795	6535.060	6525 to 6875	Pass
						-20	3.300	6535.040	6525 to 6875	Pass
						50	3.300	6535.100	6525 to 6875	Pass
			6695	/	/	20	2.805	6694.900	6525 to 6875	Pass
							3.300	6695.100	6525 to 6875	Pass
							3.795	6694.960	6525 to 6875	Pass
						-20	3.300	6694.960	6525 to 6875	Pass
						50	3.300	6695.000	6525 to 6875	Pass

			6855	/	/	20	2.805	6854.980	6525 to 6875	Pass
							3.300	6855.060	6525 to 6875	Pass
							3.795	6855.100	6525 to 6875	Pass
						-20	3.300	6855.000	6525 to 6875	Pass
						50	3.300	6854.940	6525 to 6875	Pass
	802.11ax (HE20)	SISO	6535	RU242	/	20	2.805	6535.000	6525 to 6875	Pass
							3.300	6534.980	6525 to 6875	Pass
							3.795	6534.980	6525 to 6875	Pass
						-20	3.300	6534.980	6525 to 6875	Pass
						50	3.300	6535.000	6525 to 6875	Pass
			6695	RU242	/	20	2.805	6694.940	6525 to 6875	Pass
							3.300	6694.960	6525 to 6875	Pass
							3.795	6695.080	6525 to 6875	Pass
						-20	3.300	6694.900	6525 to 6875	Pass
						50	3.300	6695.000	6525 to 6875	Pass
			6855	RU242	/	20	2.805	6855.020	6525 to 6875	Pass
							3.300	6854.940	6525 to 6875	Pass
							3.795	6855.000	6525 to 6875	Pass
						-20	3.300	6855.000	6525 to 6875	Pass
						50	3.300	6855.040	6525 to 6875	Pass

5.1.4 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VDC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
NTNV	802.11a	SISO	6895	/	/	20	2.805	6894.980	6875 to 7125	Pass
							3.300	6895.020	6875 to 7125	Pass
							3.795	6895.000	6875 to 7125	Pass
						-20	3.300	6895.000	6875 to 7125	Pass
						50	3.300	6894.980	6875 to 7125	Pass
			6995	/	/	20	2.805	6994.920	6875 to 7125	Pass
							3.300	6994.980	6875 to 7125	Pass
							3.795	6995.000	6875 to 7125	Pass
						-20	3.300	6994.960	6875 to 7125	Pass
						50	3.300	6994.980	6875 to 7125	Pass
			7095	/	/	20	2.805	7095.020	6875 to 7125	Pass
							3.300	7095.060	6875 to 7125	Pass
							3.795	7095.080	6875 to 7125	Pass
						-20	3.300	7094.960	6875 to 7125	Pass
						50	3.300	7095.120	6875 to 7125	Pass
	802.11ax (HE20)	SISO	6895	RU242	/	20	2.805	6895.000	6875 to 7125	Pass
							3.300	6894.980	6875 to 7125	Pass
							3.795	6895.000	6875 to 7125	Pass
						-20	3.300	6894.980	6875 to 7125	Pass
						50	3.300	6894.980	6875 to 7125	Pass
			6995	RU242	/	20	2.805	6995.060	6875 to 7125	Pass
							3.300	6995.020	6875 to 7125	Pass

							3.795	6994.920	6875 to 7125	Pass
						-20	3.300	6994.980	6875 to 7125	Pass
						50	3.300	6995.000	6875 to 7125	Pass
			7095	RU242	/	20	2.805	7095.080	6875 to 7125	Pass
							3.300	7094.960	6875 to 7125	Pass
							3.795	7094.980	6875 to 7125	Pass
						-20	3.300	7094.960	6875 to 7125	Pass
						50	3.300	7095.060	6875 to 7125	Pass

5.1.5 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VDC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
NTNV	802.11a	SISO	6875	/	/	20	2.805	6874.960	6525 to 7125	Pass
							3.300	6874.980	6525 to 7125	Pass
							3.795	6875.000	6525 to 7125	Pass
						-20	3.300	6874.940	6525 to 7125	Pass
						50	3.300	6875.080	6525 to 7125	Pass
	802.11ax (HE20)	SISO	6875	RU242	/	20	2.805	6875.000	6525 to 7125	Pass
							3.300	6875.000	6525 to 7125	Pass
							3.795	6874.940	6525 to 7125	Pass
						-20	3.300	6875.000	6525 to 7125	Pass
						50	3.300	6874.940	6525 to 7125	Pass

6. Emission Mask

6.1 Test Result

6.1.1 EMask

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Test Result	Limit	Verdict
NTNV	802.11a	SISO	5955	/	/	1	Refer To Test Graph		Pass
			6175	/	/	1	Refer To Test Graph		Pass
			6415	/	/	1	Refer To Test Graph		Pass
	802.11ax (HE20)	SISO	5955	RU26	Left	1	Refer To Test Graph		Pass
					Mid	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU52	Left	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU106	Left	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU242	/	1	Refer To Test Graph		Pass
			6175	RU26	Left	1	Refer To Test Graph		Pass

					Mid	1	Refer To Test Graph	Pass
					Right	1	Refer To Test Graph	Pass
				RU52	Left	1	Refer To Test Graph	Pass
					Right	1	Refer To Test Graph	Pass
				RU106	Left	1	Refer To Test Graph	Pass
					Right	1	Refer To Test Graph	Pass
				RU242	/	1	Refer To Test Graph	Pass
			6415	RU26	Left	1	Refer To Test Graph	Pass
					Mid	1	Refer To Test Graph	Pass
					Right	1	Refer To Test Graph	Pass
				RU52	Left	1	Refer To Test Graph	Pass
					Right	1	Refer To Test Graph	Pass
				RU106	Left	1	Refer To Test Graph	Pass
					Right	1	Refer To Test Graph	Pass
				RU242	/	1	Refer To Test Graph	Pass

6.1.2 EMask

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Test Result	Limit	Verdict
NTNV	802.11a	SISO	6435	/	/	1	Refer To Test Graph		Pass
			6475	/	/	1	Refer To Test Graph		Pass
			6515	/	/	1	Refer To Test Graph		Pass
	802.11ax (HE20)	SISO	6435	RU26	Left	1	Refer To Test Graph		Pass
					Mid	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU52	Left	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU106	Left	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU242	/	1	Refer To Test Graph		Pass
			6475	RU26	Left	1	Refer To Test Graph		Pass
					Mid	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU52	Left	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU106	Left	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU242	/	1	Refer To Test Graph		Pass
			6515	RU26	Left	1	Refer To Test Graph		Pass
					Mid	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU52	Left	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU106	Left	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU242	/	1	Refer To Test Graph		Pass

6.1.3 EMask

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Test Result	Limit	Verdict
NTNV	802.11a	SISO	6535	/	/	1	Refer To Test Graph		Pass
			6695	/	/	1	Refer To Test Graph		Pass
			6855	/	/	1	Refer To Test Graph		Pass
	802.11ax (HE20)	SISO	6535	RU26	Left	1	Refer To Test Graph		Pass
					Mid	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU52	Left	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU106	Left	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU242	/	1	Refer To Test Graph		Pass
			6695	RU26	Left	1	Refer To Test Graph		Pass
					Mid	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU52	Left	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU106	Left	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU242	/	1	Refer To Test Graph		Pass
			6855	RU26	Left	1	Refer To Test Graph		Pass
					Mid	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU52	Left	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU106	Left	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU242	/	1	Refer To Test Graph		Pass

6.1.4 EMask

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Test Result	Limit	Verdict
NTNV	802.11a	SISO	6895	/	/	1	Refer To Test Graph		Pass
			6995	/	/	1	Refer To Test Graph		Pass
			7095	/	/	1	Refer To Test Graph		Pass
	802.11ax (HE20)	SISO	6895	RU26	Left	1	Refer To Test Graph		Pass
					Mid	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU52	Left	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU106	Left	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU242	/	1	Refer To Test Graph		Pass
			6995	RU26	Left	1	Refer To Test Graph		Pass

					Mid	1	Refer To Test Graph	Pass
					Right	1	Refer To Test Graph	Pass
				RU52	Left	1	Refer To Test Graph	Pass
					Right	1	Refer To Test Graph	Pass
				RU106	Left	1	Refer To Test Graph	Pass
					Right	1	Refer To Test Graph	Pass
				RU242	/	1	Refer To Test Graph	Pass
			7095	RU26	Left	1	Refer To Test Graph	Pass
					Mid	1	Refer To Test Graph	Pass
					Right	1	Refer To Test Graph	Pass
				RU52	Left	1	Refer To Test Graph	Pass
					Right	1	Refer To Test Graph	Pass
				RU106	Left	1	Refer To Test Graph	Pass
					Right	1	Refer To Test Graph	Pass
				RU242	/	1	Refer To Test Graph	Pass

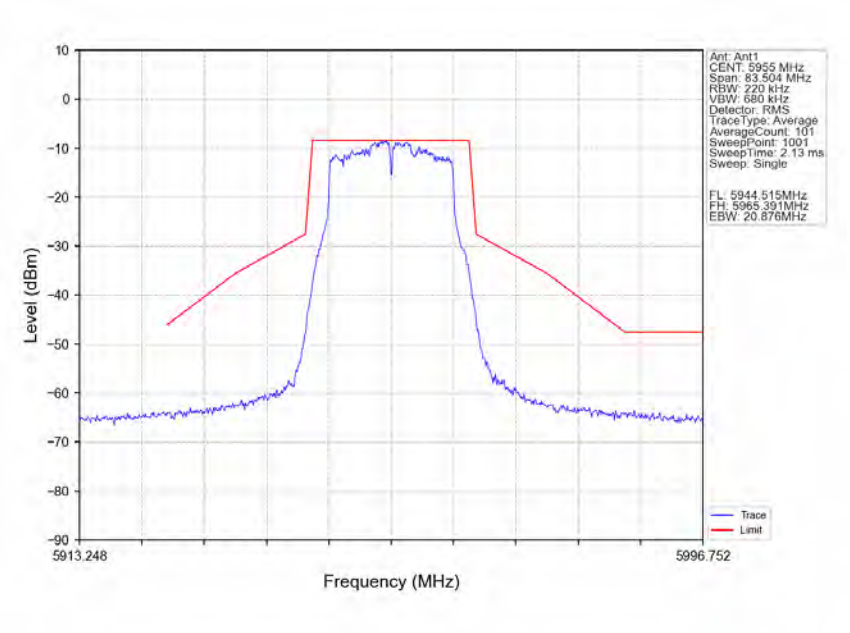
6.1.5 EMask

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Test Result	Limit	Verdict
NTNV	802.11a	SISO	6875	/	/	1	Refer To Test Graph		Pass
	802.11ax (HE20)	SISO	6875	RU26	Left	1	Refer To Test Graph		Pass
					Mid	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU52	Left	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU106	Left	1	Refer To Test Graph		Pass
					Right	1	Refer To Test Graph		Pass
				RU242	/	1	Refer To Test Graph		Pass

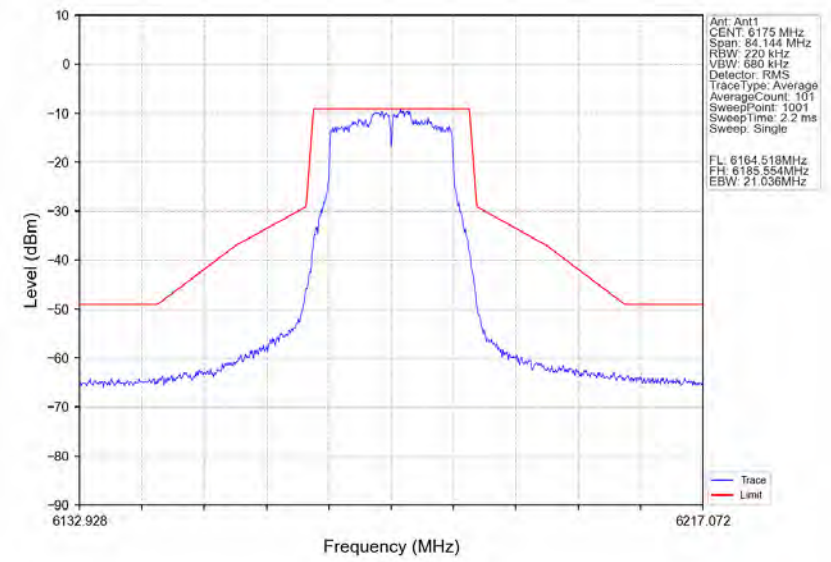
6.2 Test Graph

6.2.1 EMask

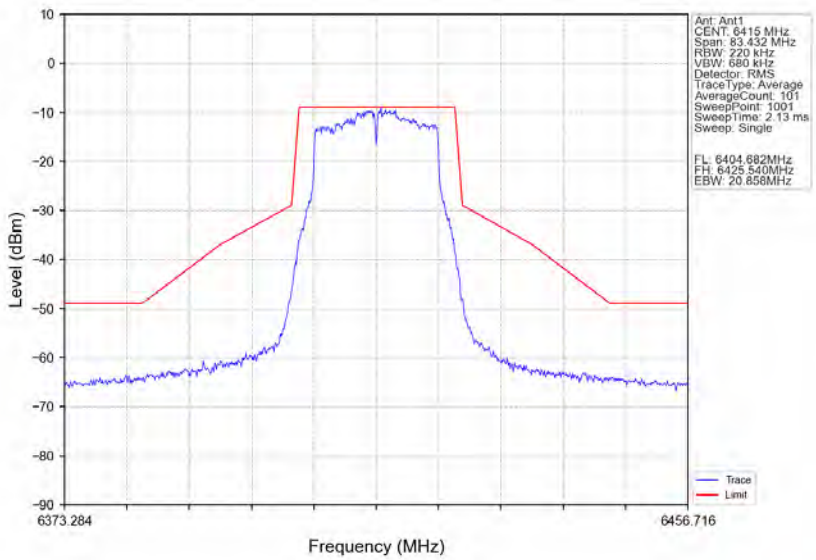
802.11a_LCH_5955MHz_Ant1_NTNV



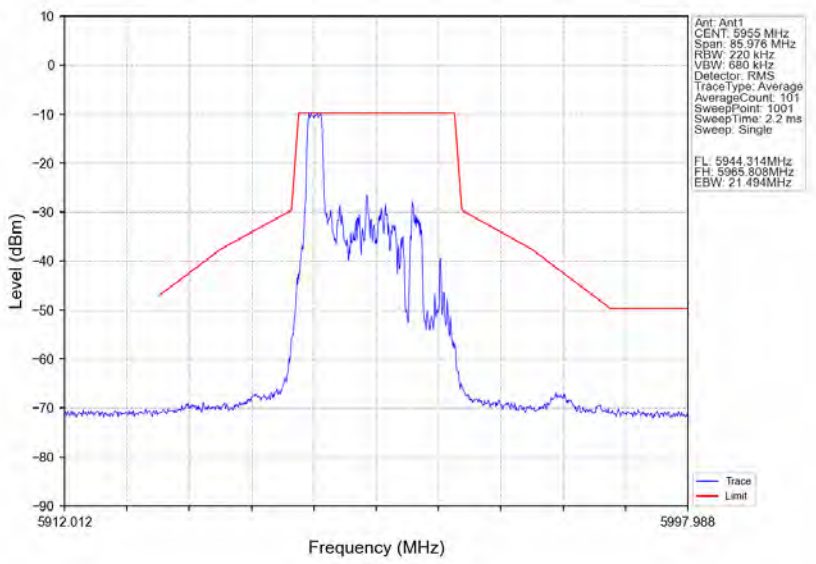
802.11a_MCH_6175MHz_Ant1_NTNV


Ant: Ant1
CENT: 6175 MHz
Span: 84.144 MHz
RBW: 220 kHz
VBW: 680 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 1001
SweepTime: 2.2 ms
Sweep: Single
FL: 6164.518MHz
FH: 6185.554MHz
EBW: 21.036MHz
Level (dBm)
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
6132.928
6217.072
Frequency (MHz)
Trace
Limit

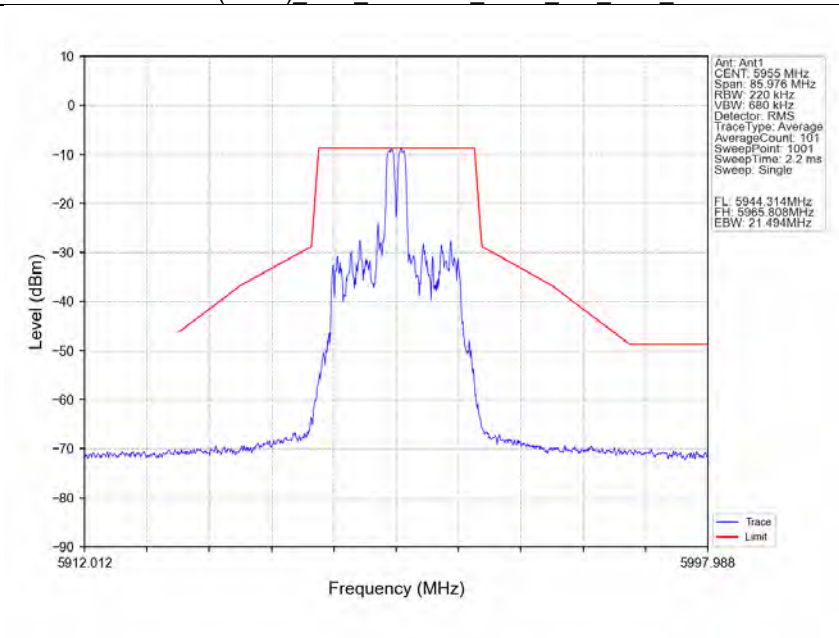
802.11a_HCH_6415MHz_Ant1_NTNV



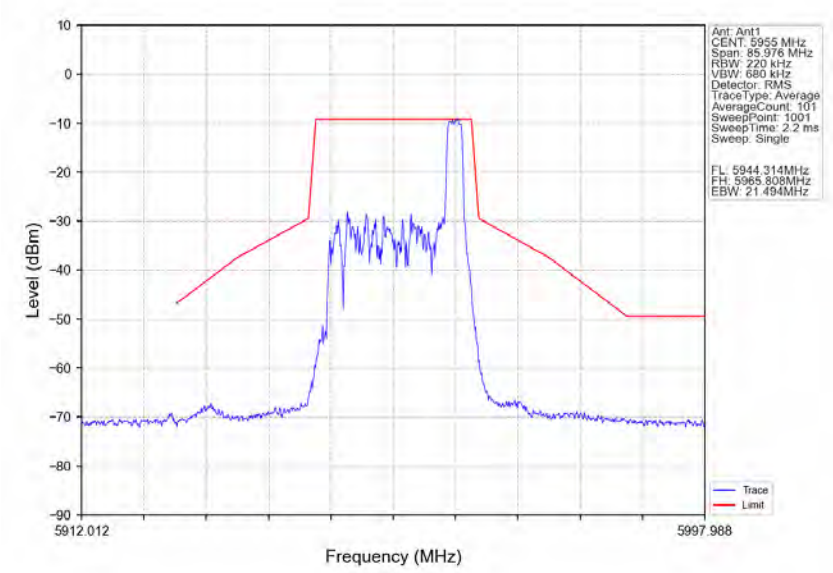
802.11ax(HE20)_LCH_5955MHz_RU26_Left_Ant1_NTNV



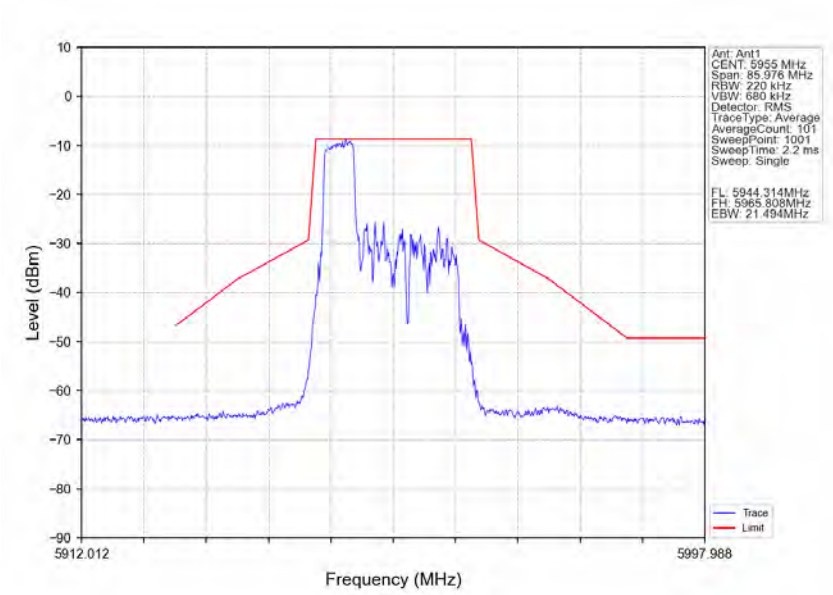
802.11ax(HE20)_LCH_5955MHz_RU26_Mid_Ant1_NTNV



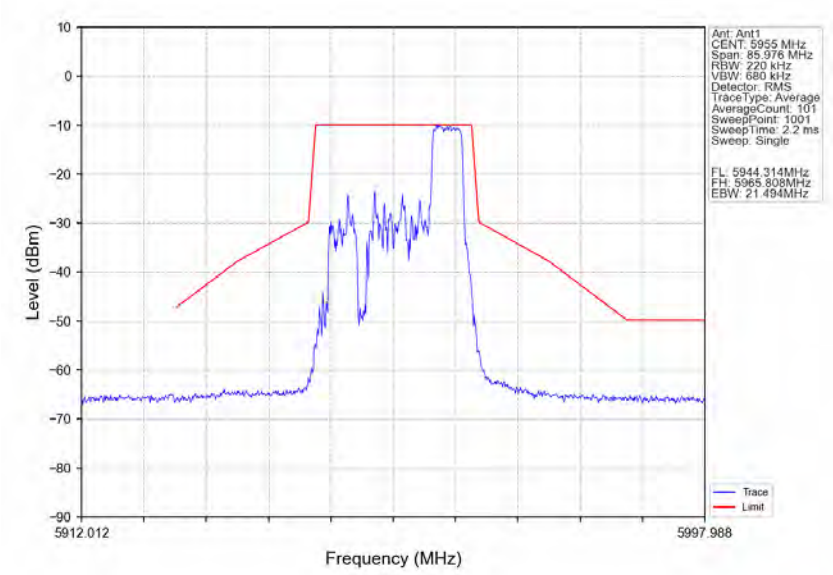
802.11ax(HE20)_LCH_5955MHz_RU26_Right_Ant1_NTNV



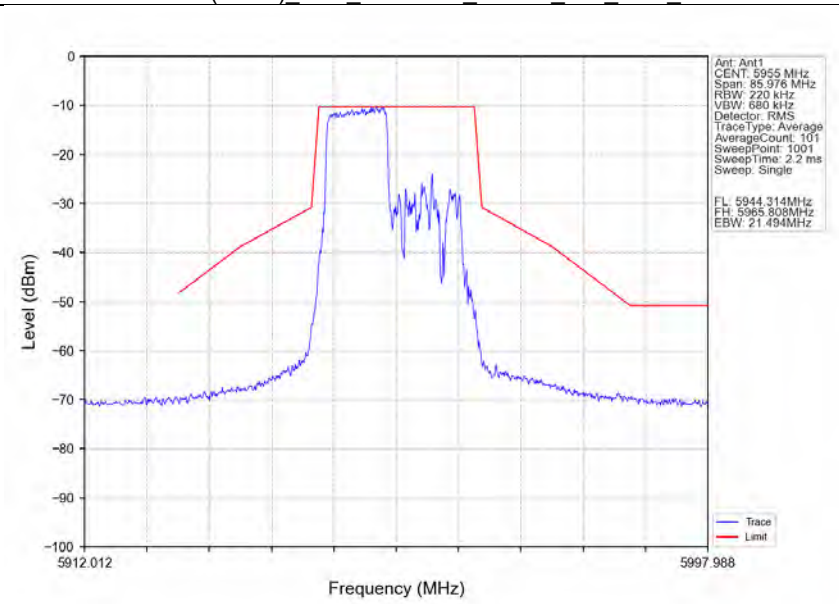
802.11ax(HE20)_LCH_5955MHz_RU52_Left_Ant1_NTNV



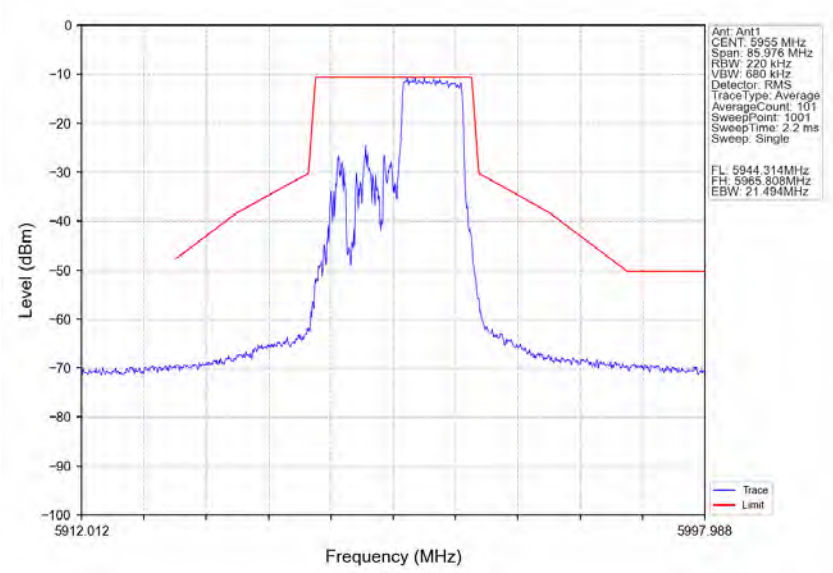
802.11ax(HE20)_LCH_5955MHz_RU52_Right_Ant1_NTNV



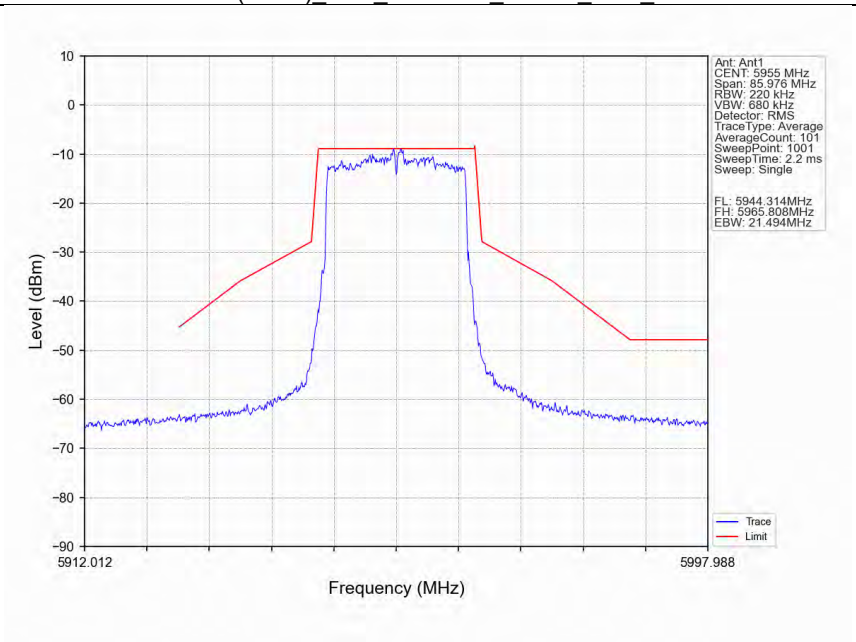
802.11ax(HE20)_LCH_5955MHz_RU106_Left_Ant1_NTNV



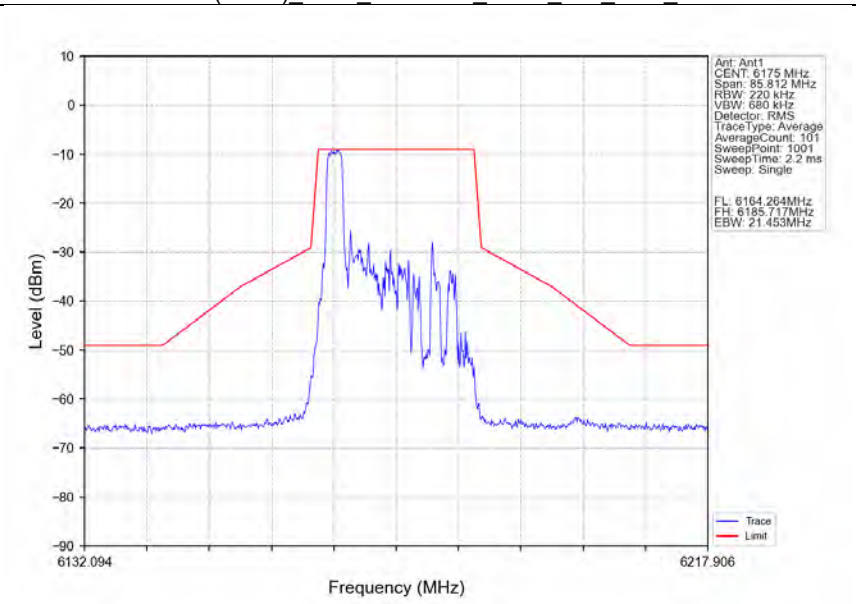
802.11ax(HE20)_LCH_5955MHz_RU106_Right_Ant1_NTNV



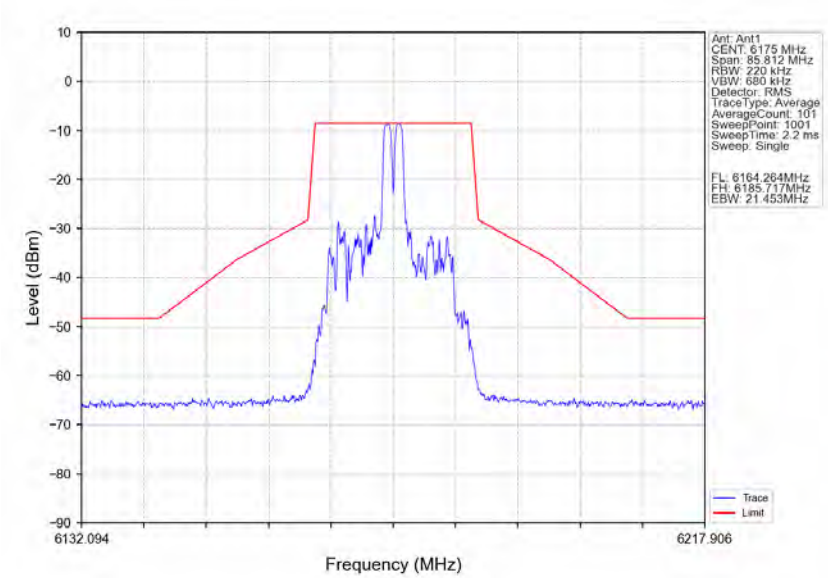
802.11ax(HE20)_LCH_5955MHz_RU242_Ant1_NTNV



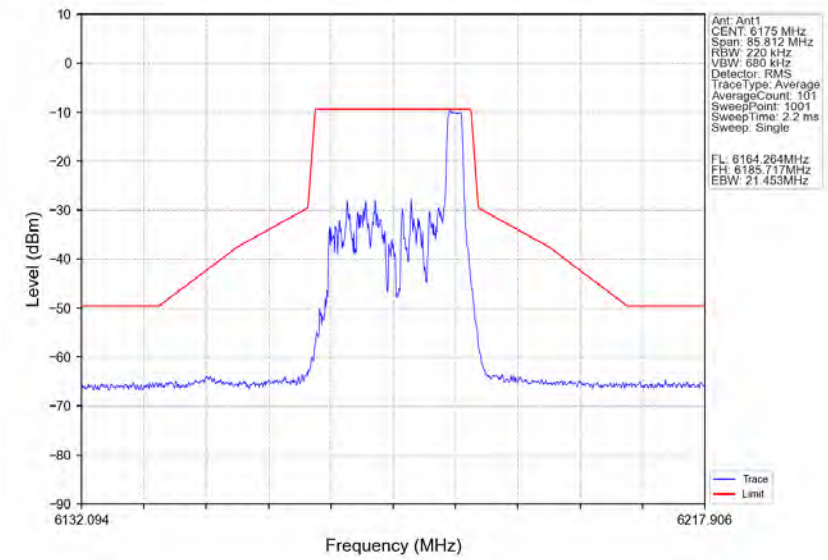
802.11ax(HE20)_MCH_6175MHz_RU26_Left_Ant1_NTNV



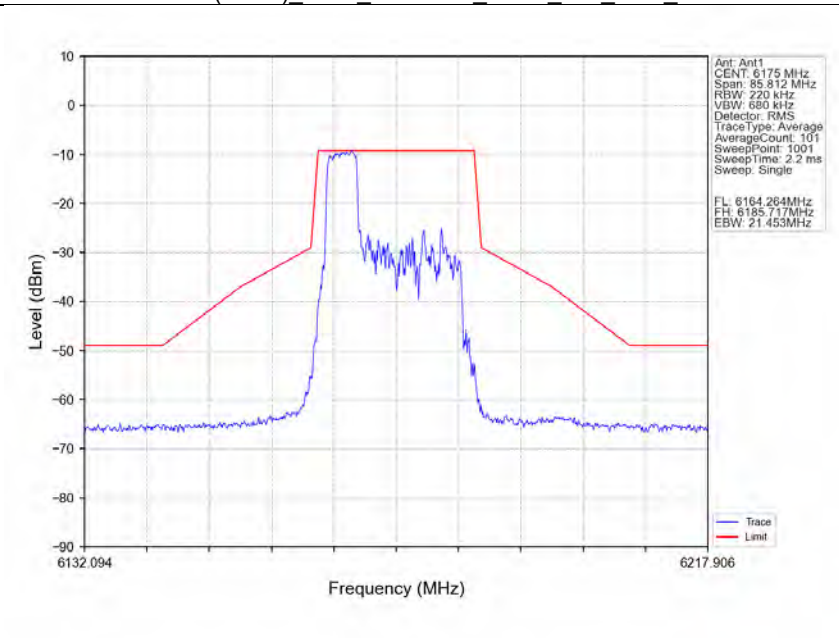
802.11ax(HE20)_MCH_6175MHz_RU26_Mid_Ant1_NTNV



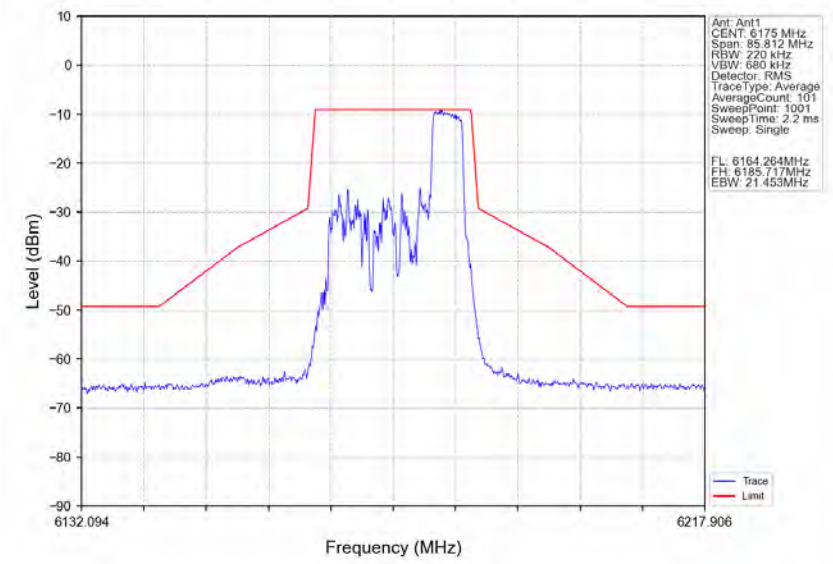
802.11ax(HE20)_MCH_6175MHz_RU26_Right_Ant1_NTNV



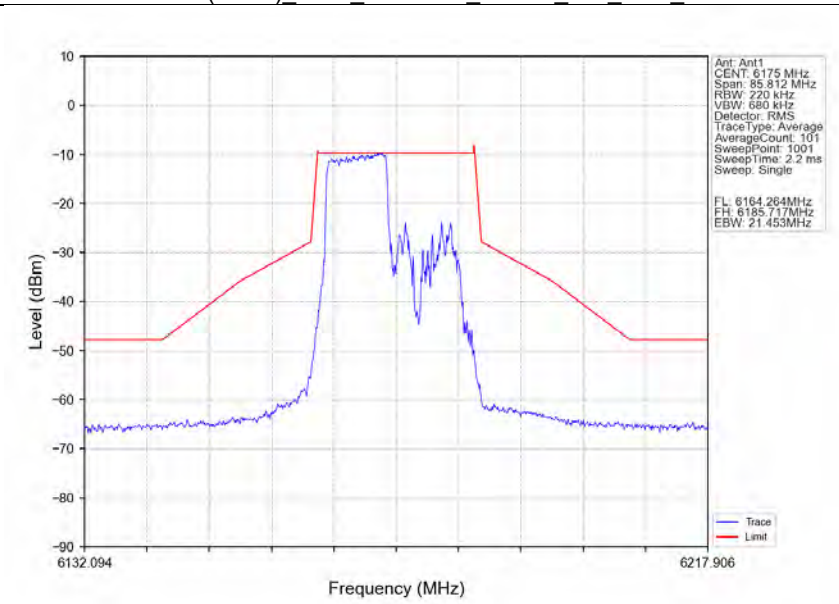
802.11ax(HE20)_MCH_6175MHz_RU52_Left_Ant1_NTNV



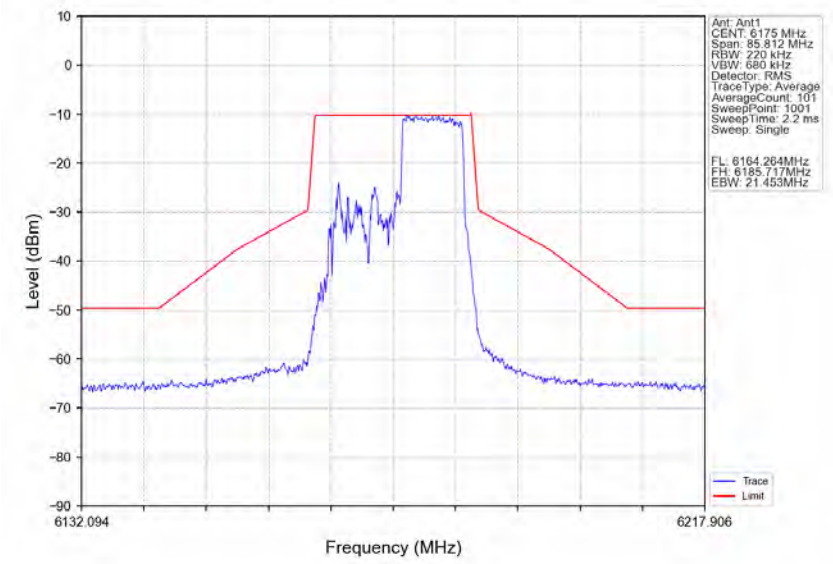
802.11ax(HE20)_MCH_6175MHz_RU52_Right_Ant1_NTNV



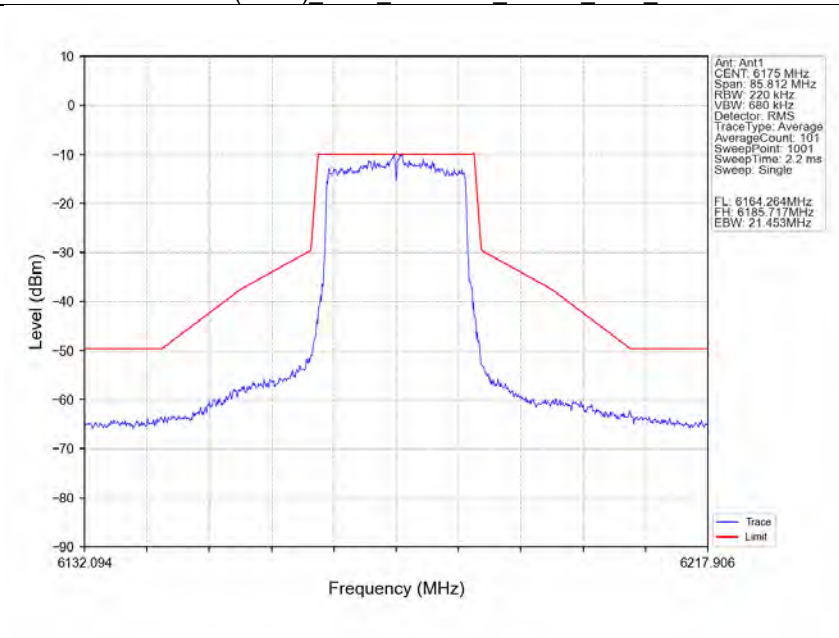
802.11ax(HE20)_MCH_6175MHz_RU106_Left_Ant1_NTNV



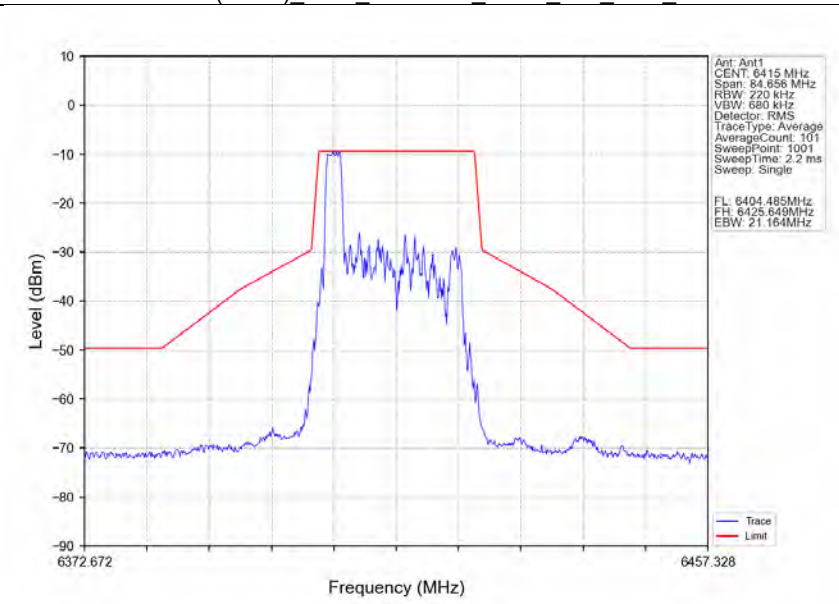
802.11ax(HE20)_MCH_6175MHz_RU106_Right_Ant1_NTNV



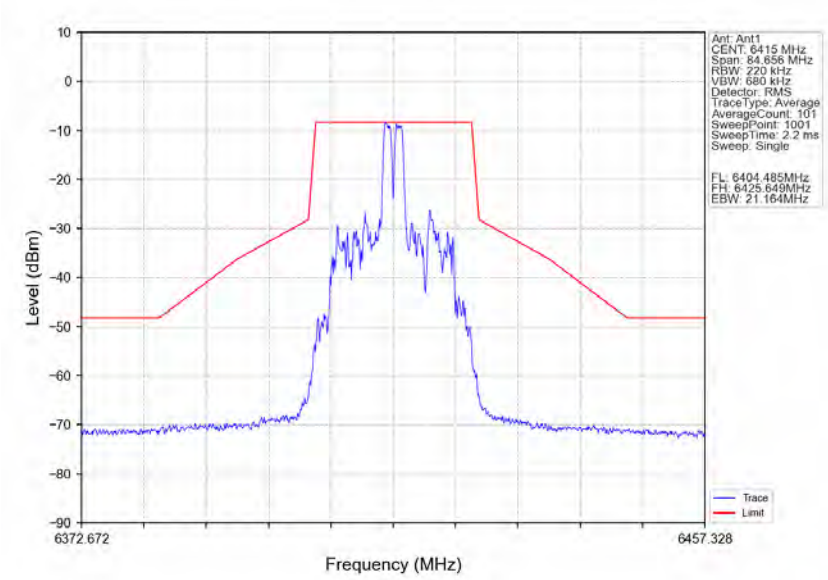
802.11ax(HE20)_MCH_6175MHz_RU242_Ant1_NTNV



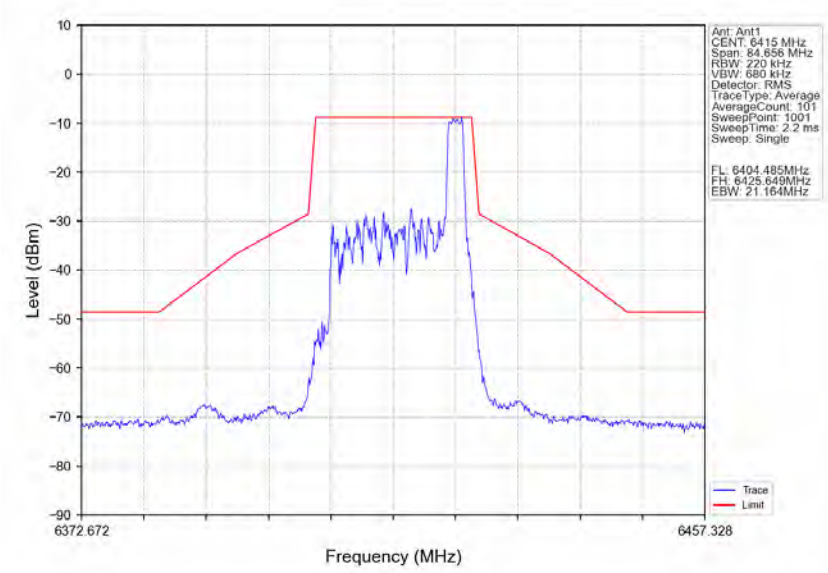
802.11ax(HE20)_HCH_6415MHz_RU26_Left_Ant1_NTNV



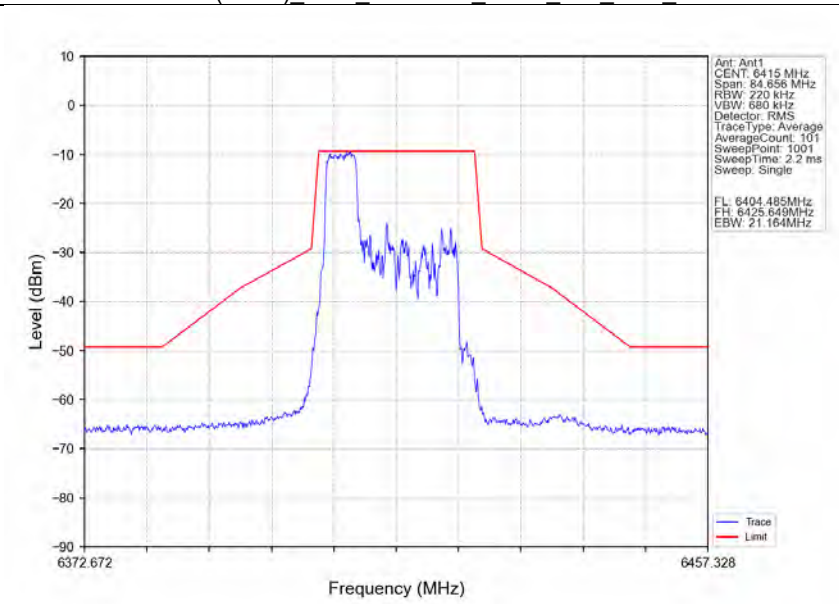
802.11ax(HE20)_HCH_6415MHz_RU26_Mid_Ant1_NTNV



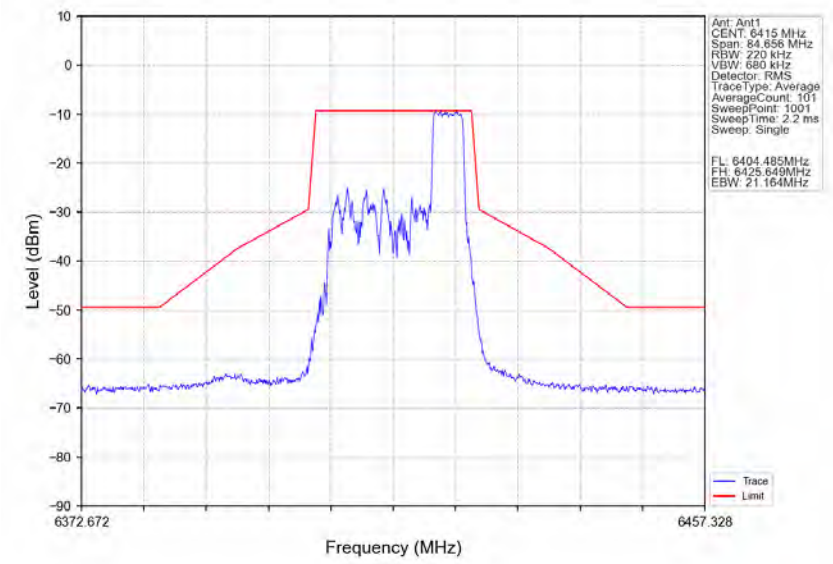
802.11ax(HE20)_HCH_6415MHz_RU26_Right_Ant1_NTNV



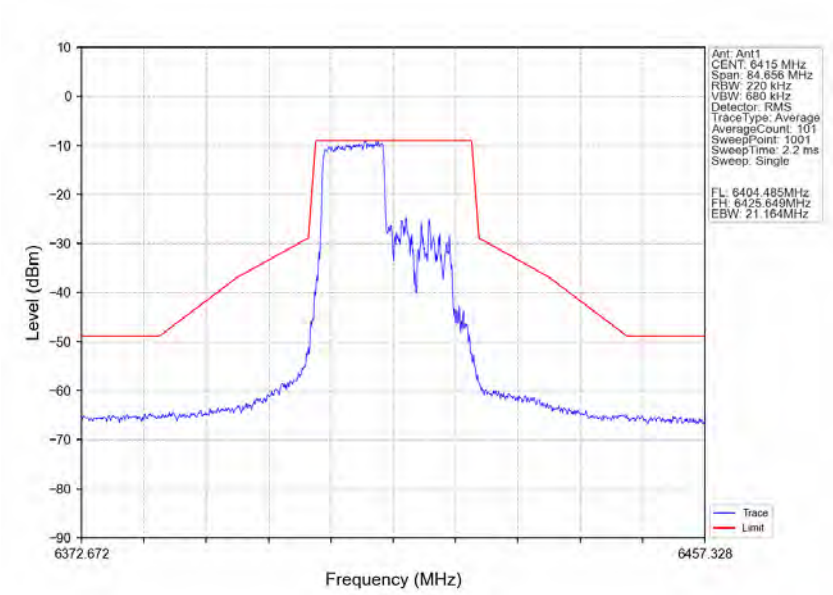
802.11ax(HE20)_HCH_6415MHz_RU52_Left_Ant1_NTNV



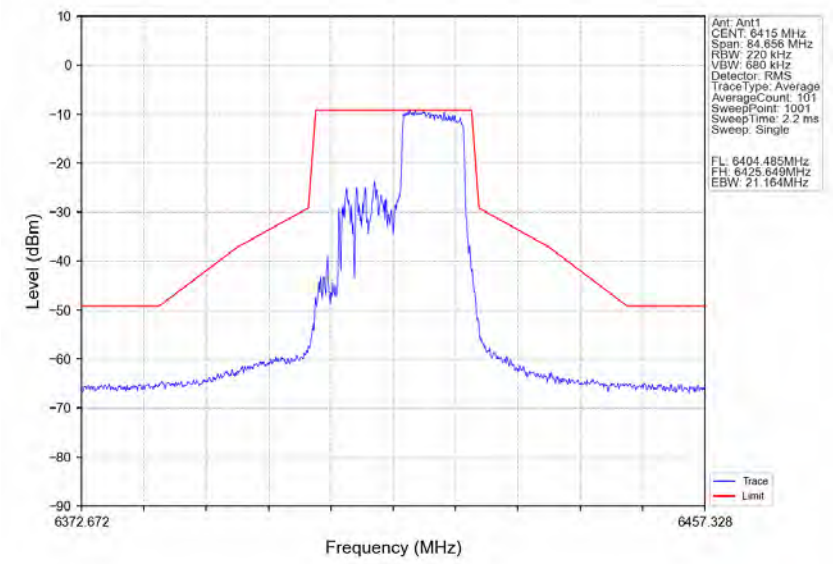
802.11ax(HE20)_HCH_6415MHz_RU52_Right_Ant1_NTNV



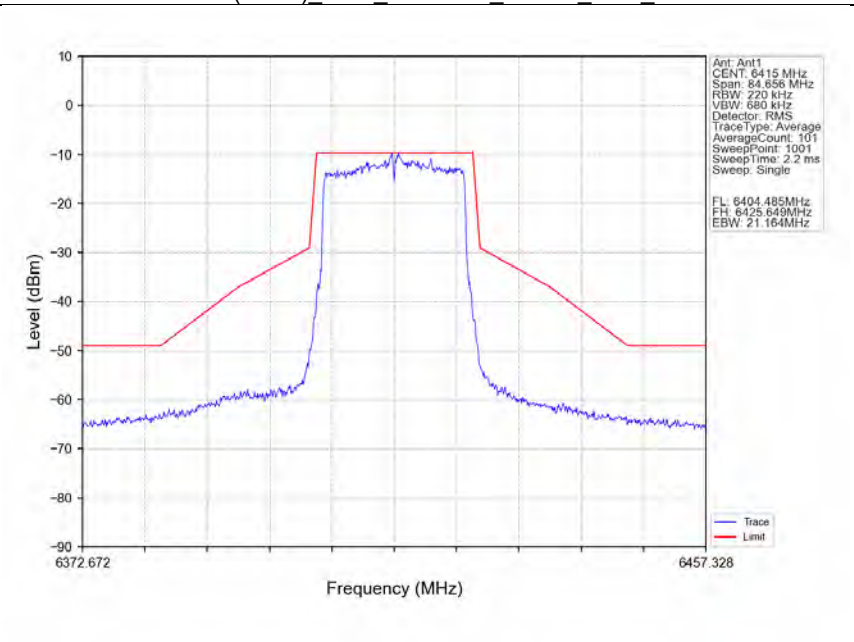
802.11ax(HE20)_HCH_6415MHz_RU106_Left_Ant1_NTNV



802.11ax(HE20)_HCH_6415MHz_RU106_Right_Ant1_NTNV

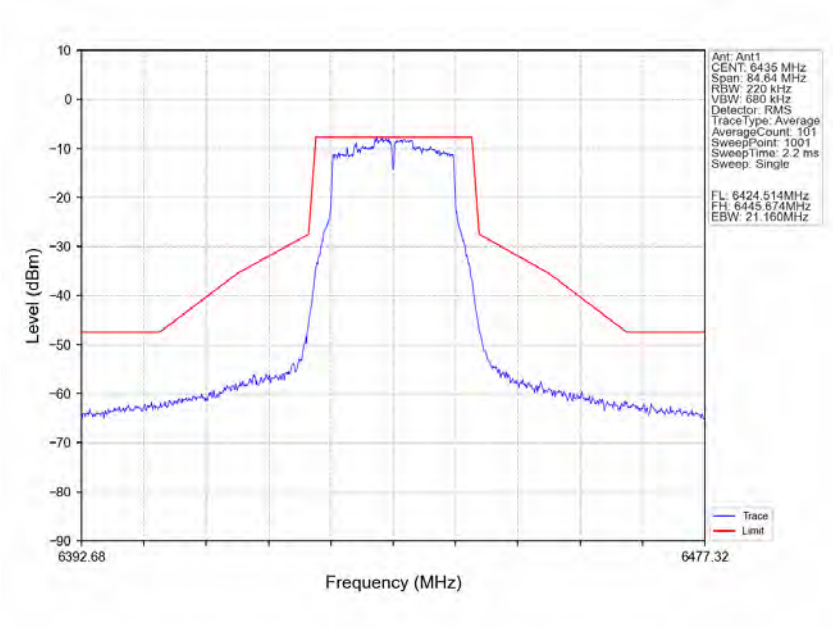


802.11ax(HE20)_HCH_6415MHz_RU242_Ant1_NTNV

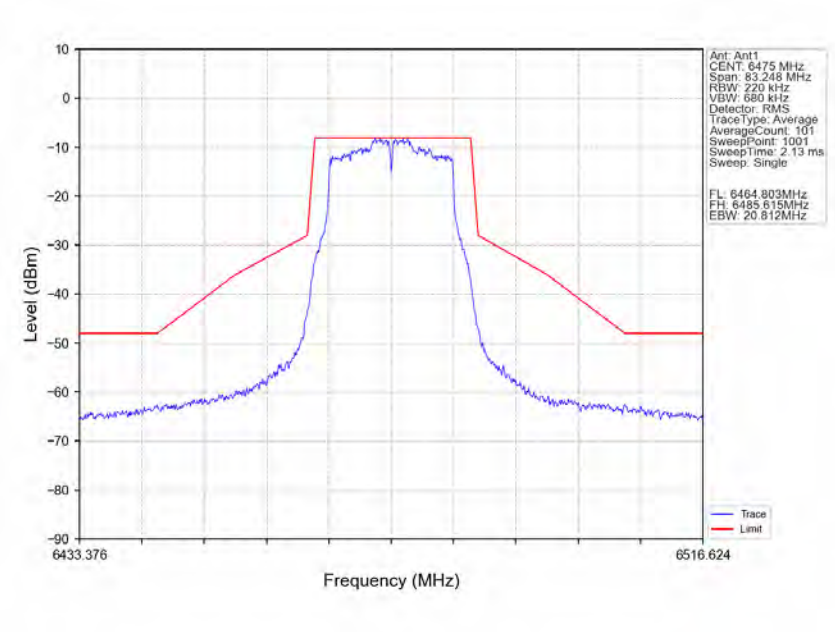


6.2.2 EMask

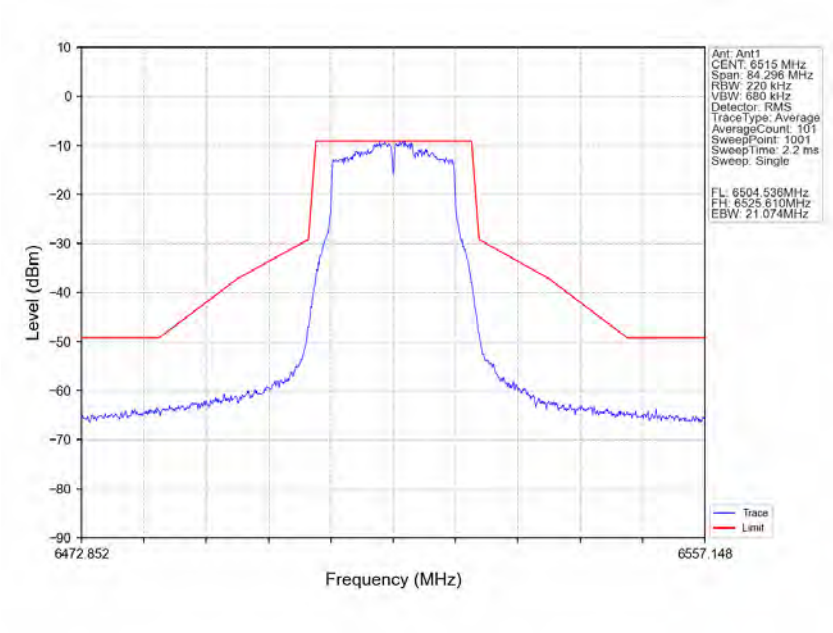
802.11a_LCH_6435MHz_Ant1_NTNV



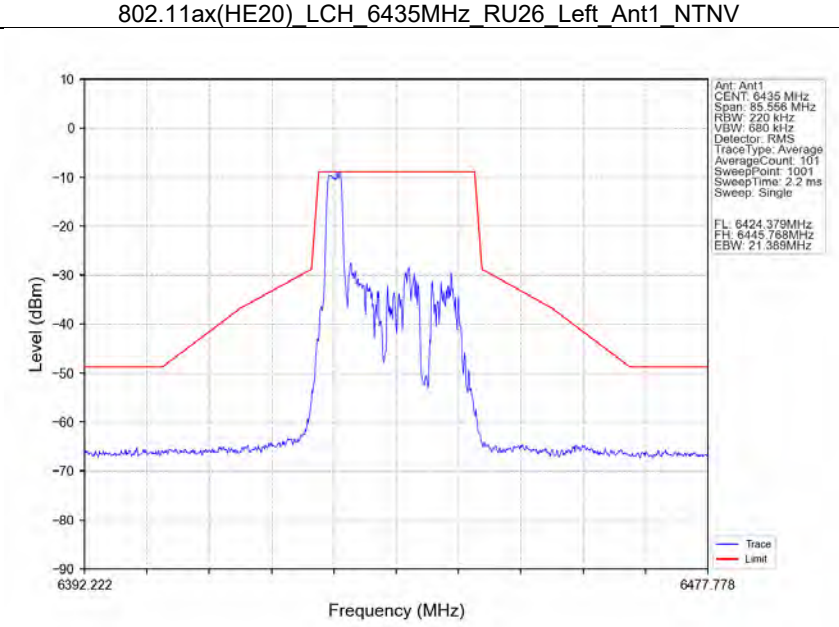
802.11a_MCH_6475MHz_Ant1_NTNV


Ant: Ant1
CENT: 6475 MHz
Span: 83.248 MHz
RBW: 220 kHz
VBW: 680 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 1001
SweepTime: 2.13 ms
Sweep: Single
FL: 6464.803MHz
FH: 6485.615MHz
EBW: 20.812MHz
Trace
Limit
Level (dBm)
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
6433.376
6516.624
Frequency (MHz)

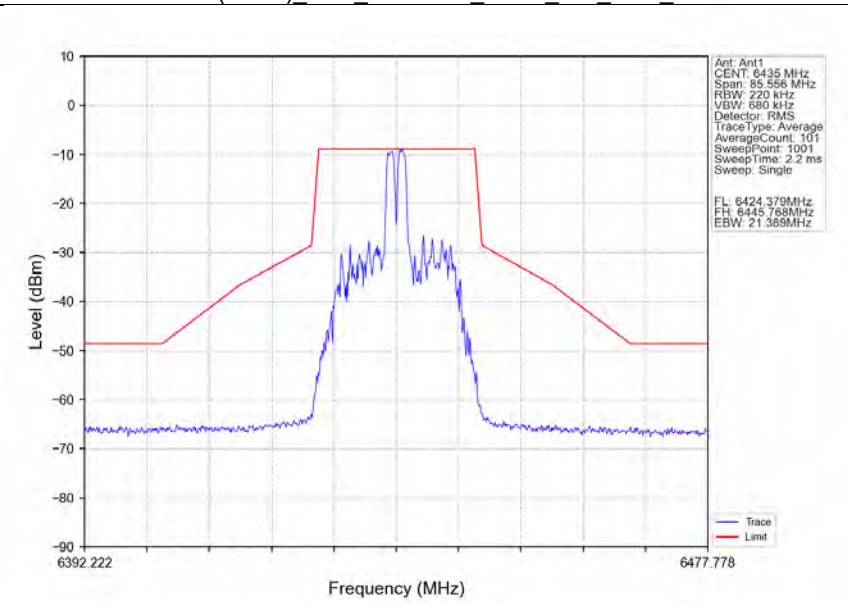
802.11a_HCH_6515MHz_Ant1_NTNV



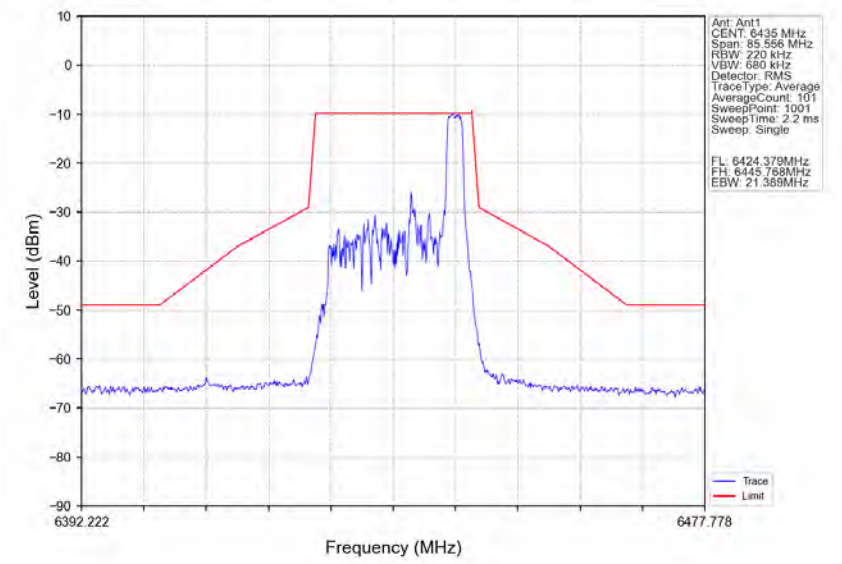
802.11ax(HE20)_LCH_6435MHz_RU26_Left_Ant1_NTNV



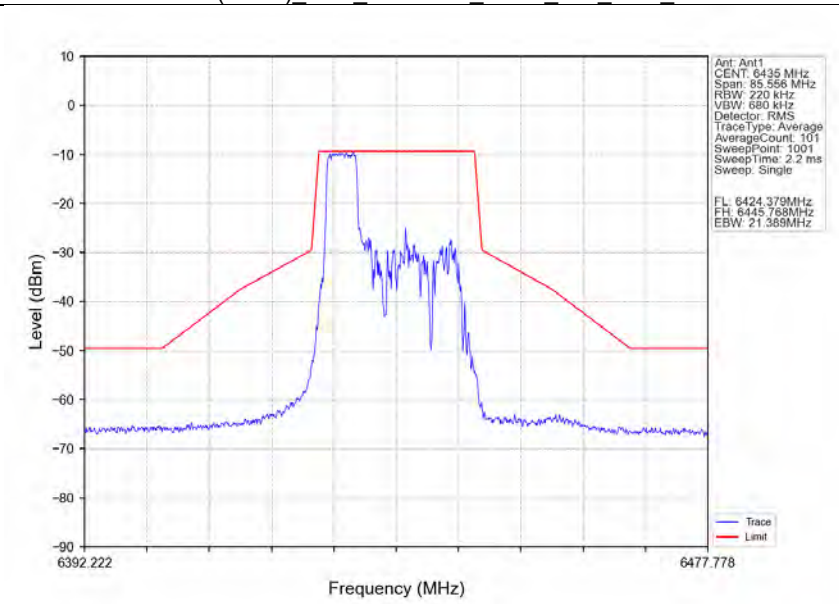
802.11ax(HE20)_LCH_6435MHz_RU26_Mid_Ant1_NTNV



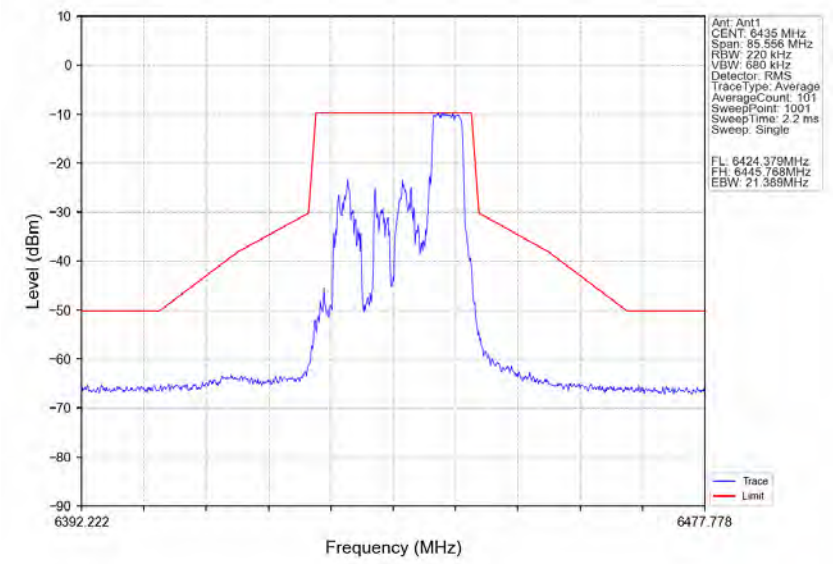
802.11ax(HE20)_LCH_6435MHz_RU26_Right_Ant1_NTNV



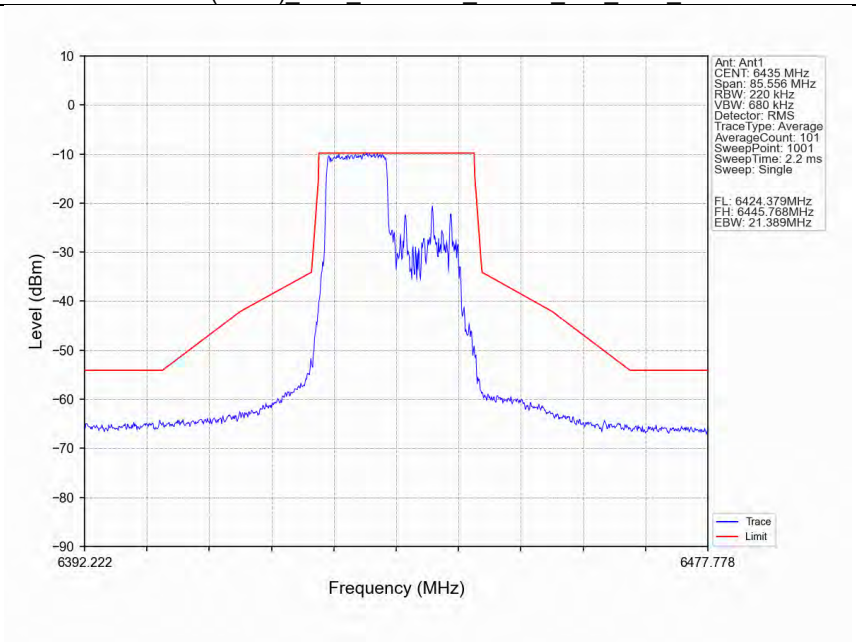
802.11ax(HE20)_LCH_6435MHz_RU52_Left_Ant1_NTNV



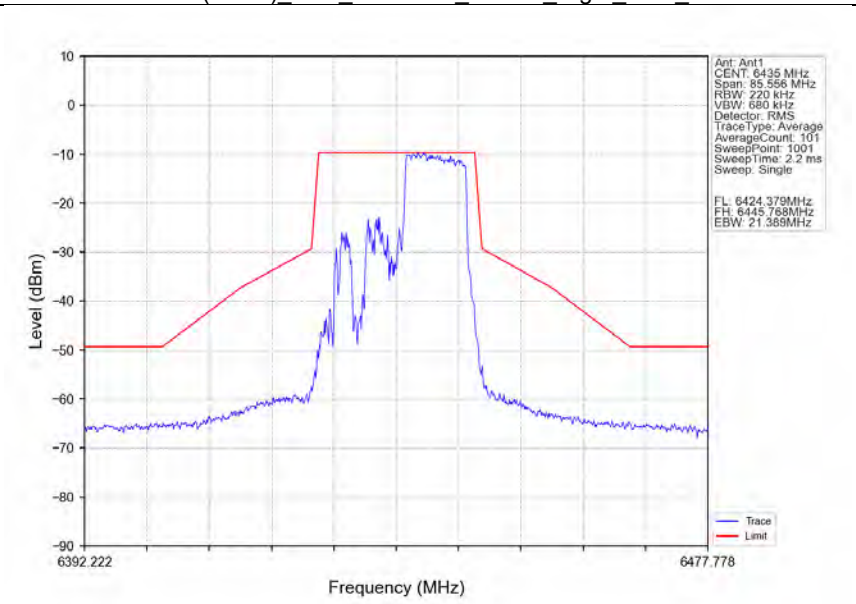
802.11ax(HE20)_LCH_6435MHz_RU52_Right_Ant1_NTNV



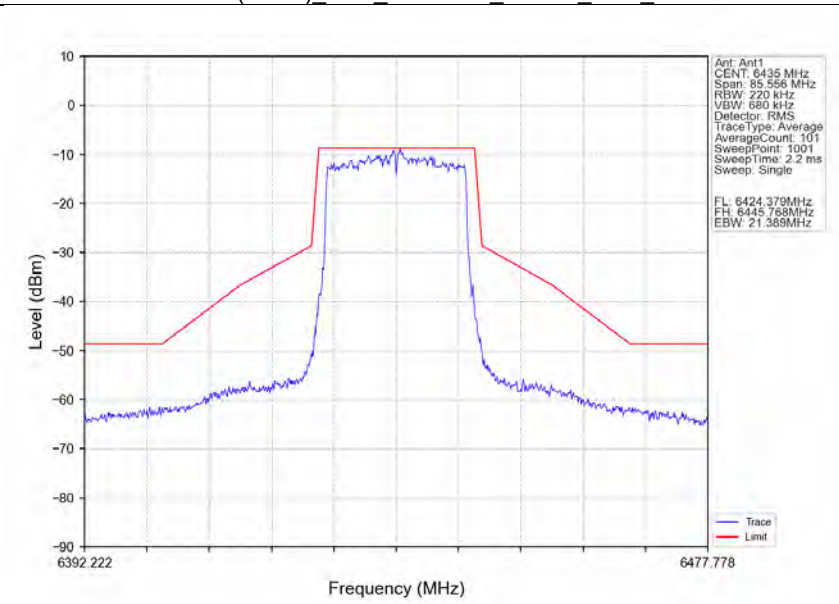
802.11ax(HE20)_LCH_6435MHz_RU106_Left_Ant1_NTNV



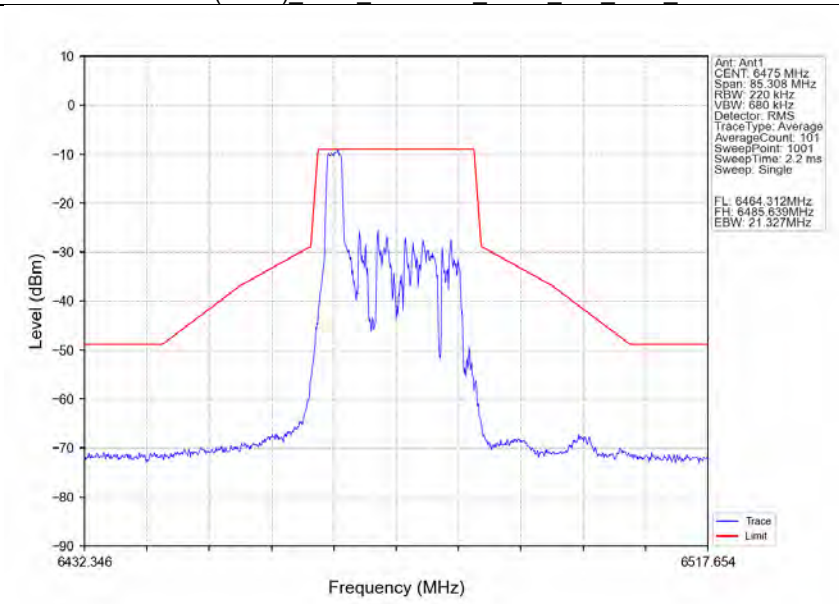
802.11ax(HE20)_LCH_6435MHz_RU106_Right_Ant1_NTNV



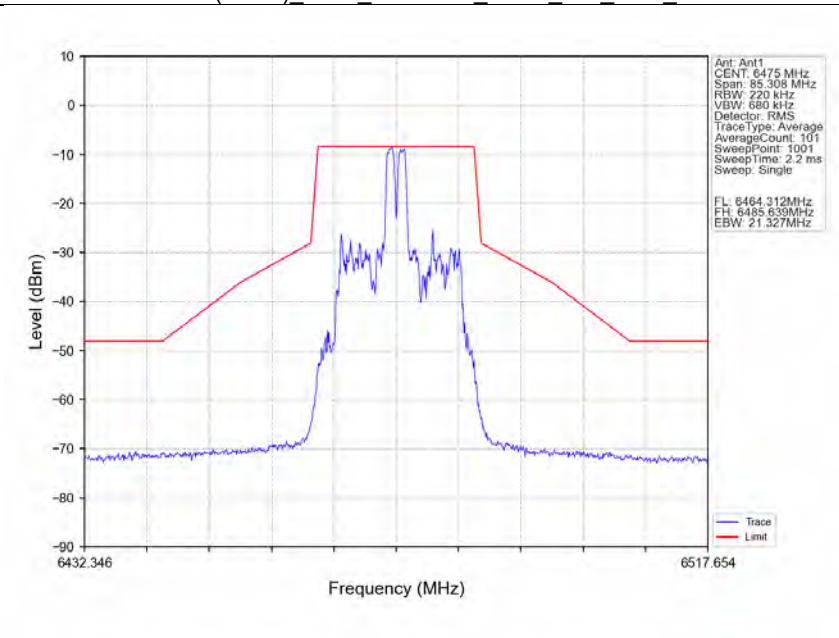
802.11ax(HE20)_LCH_6435MHz_RU242_Ant1_NTNV



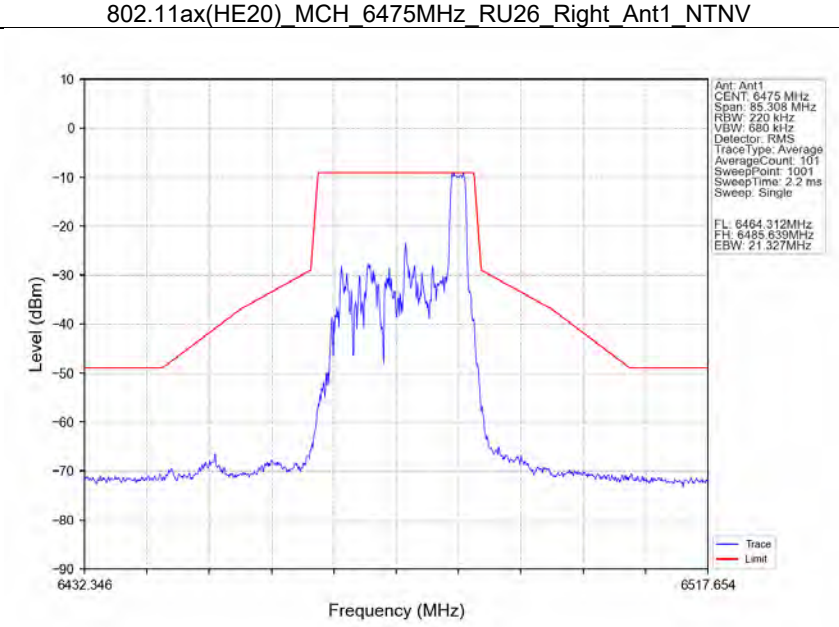
802.11ax(HE20)_MCH_6475MHz_RU26_Left_Ant1_NTNV



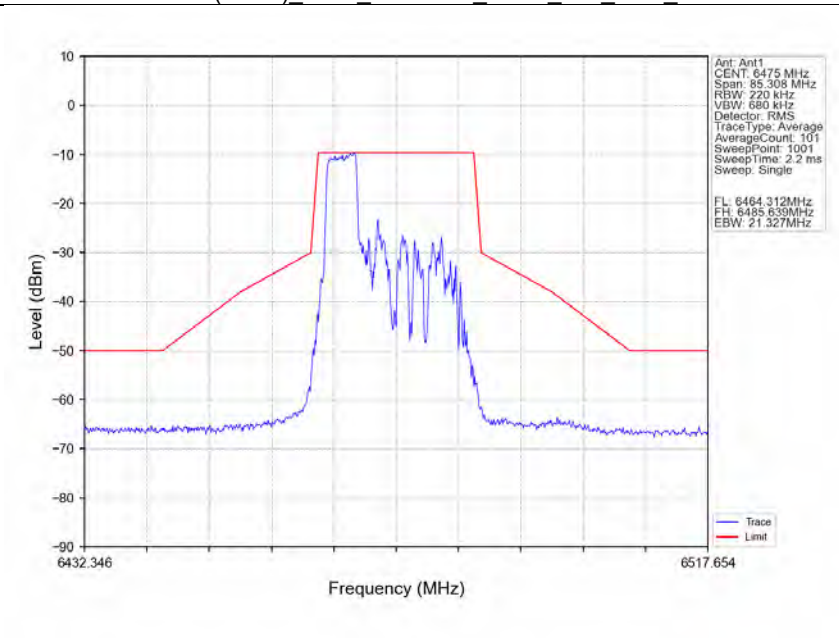
802.11ax(HE20)_MCH_6475MHz_RU26_Mid_Ant1_NTNV



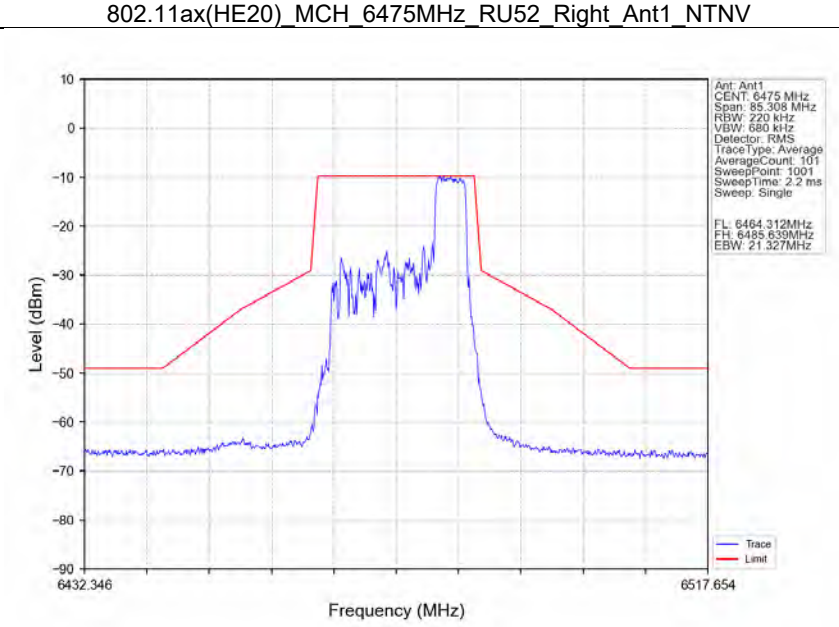
802.11ax(HE20)_MCH_6475MHz_RU26_Right_Ant1_NTNV



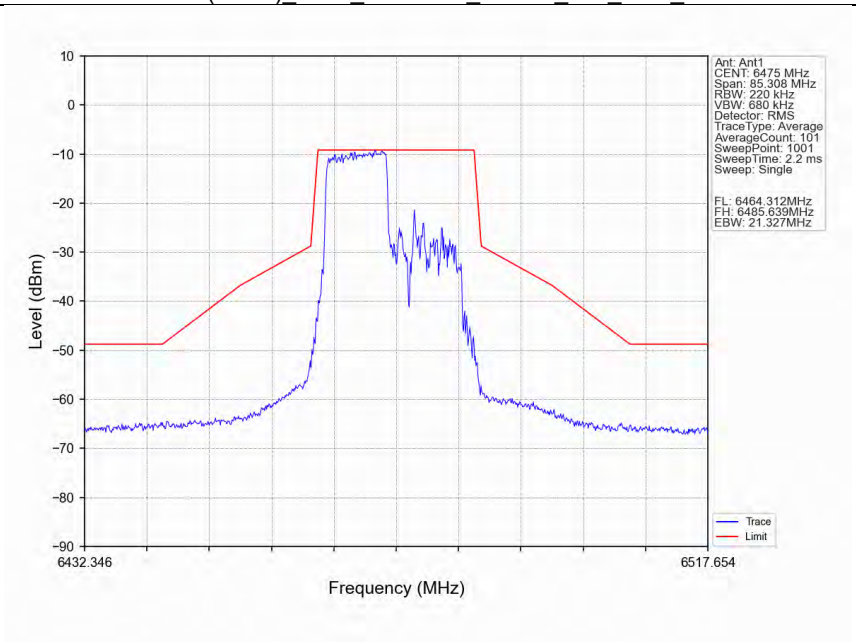
802.11ax(HE20)_MCH_6475MHz_RU52_Left_Ant1_NTNV



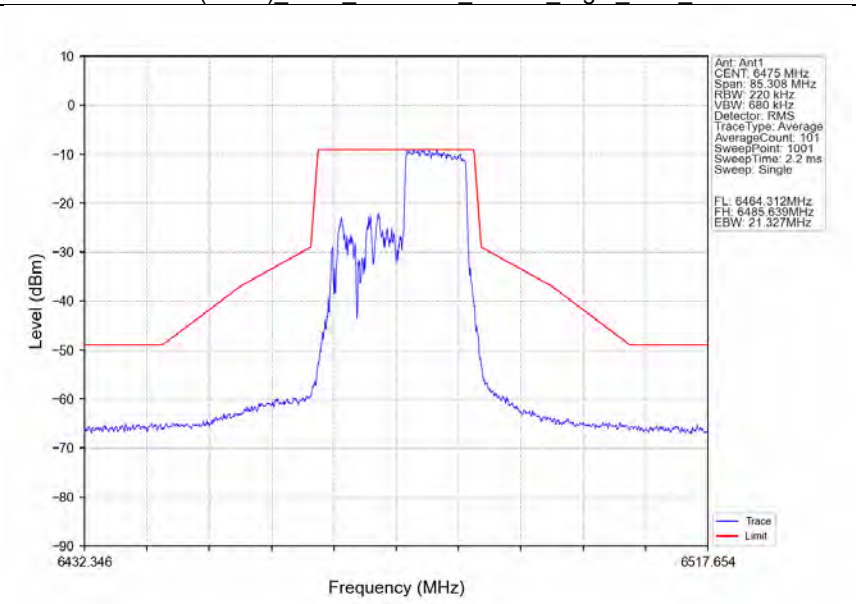
802.11ax(HE20)_MCH_6475MHz_RU52_Right_Ant1_NTNV



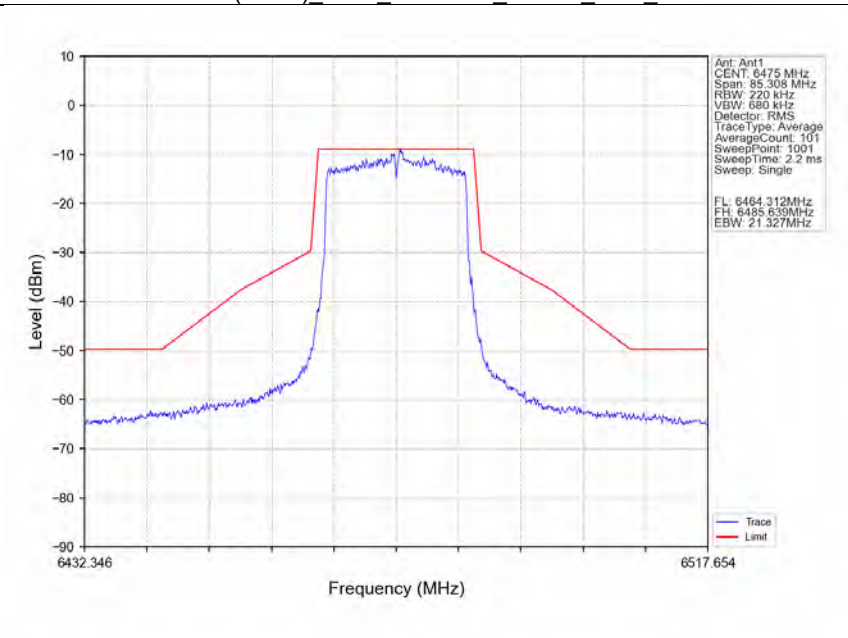
802.11ax(HE20)_MCH_6475MHz_RU106_Left_Ant1_NTNV



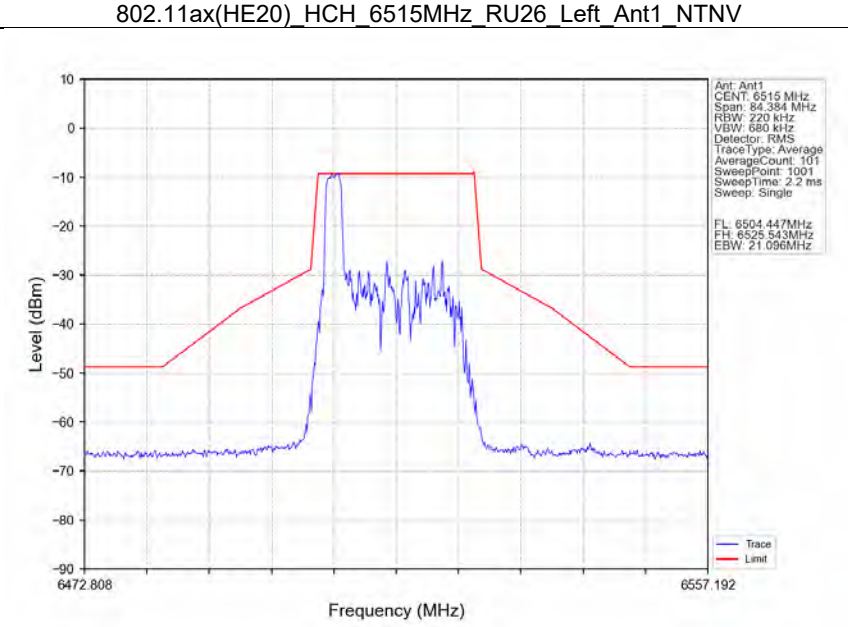
802.11ax(HE20)_MCH_6475MHz_RU106_Right_Ant1_NTNV



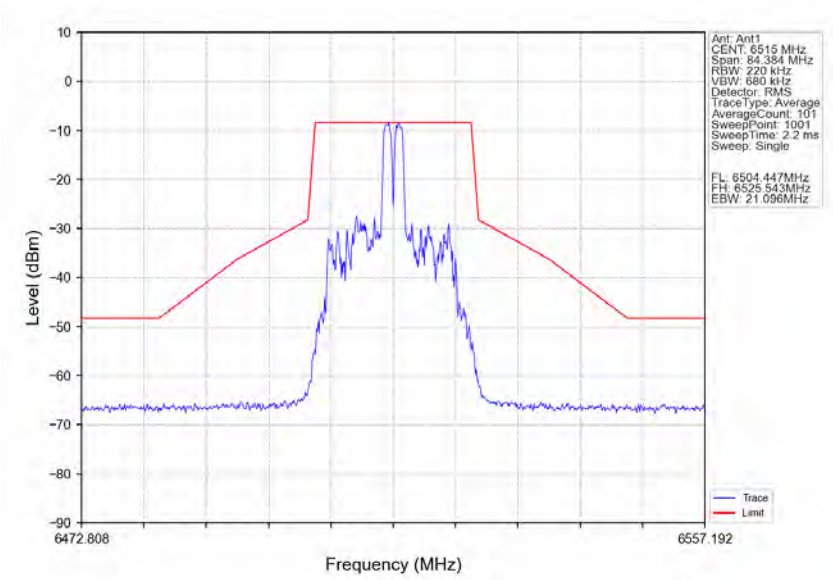
802.11ax(HE20)_MCH_6475MHz_RU242_Ant1_NTNV



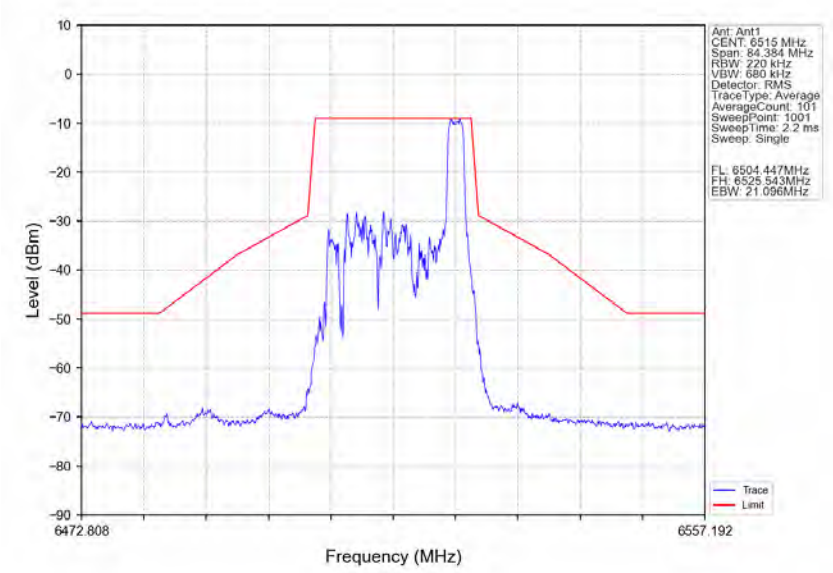
802.11ax(HE20)_HCH_6515MHz_RU26_Left_Ant1_NTNV



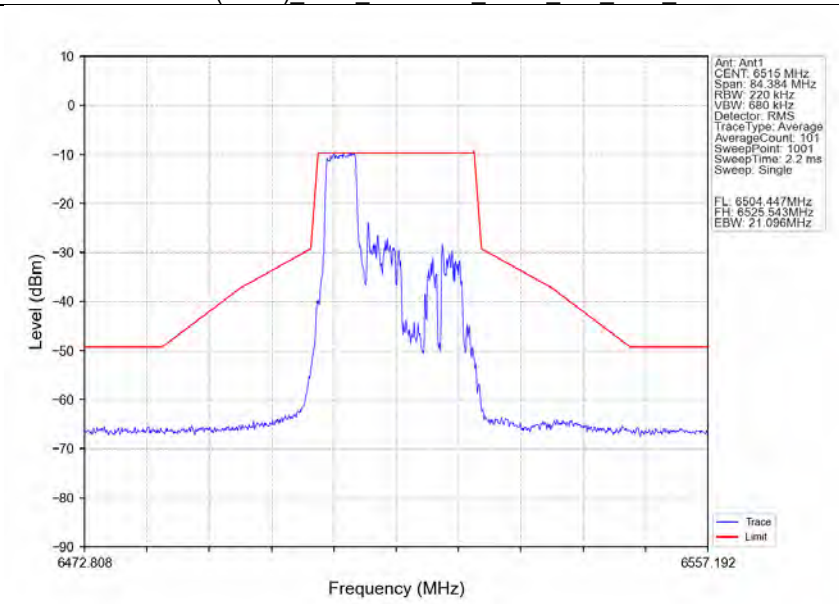
802.11ax(HE20)_HCH_6515MHz_RU26_Mid_Ant1_NTNV



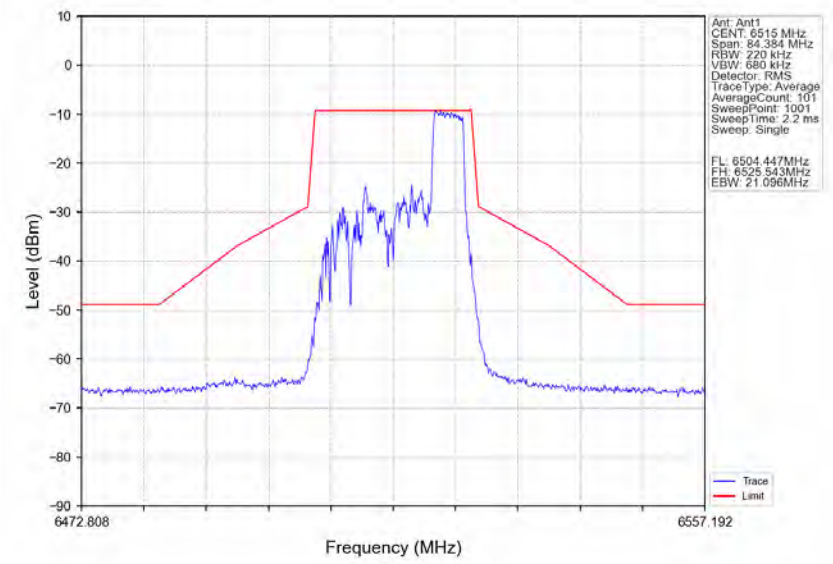
802.11ax(HE20)_HCH_6515MHz_RU26_Right_Ant1_NTNV



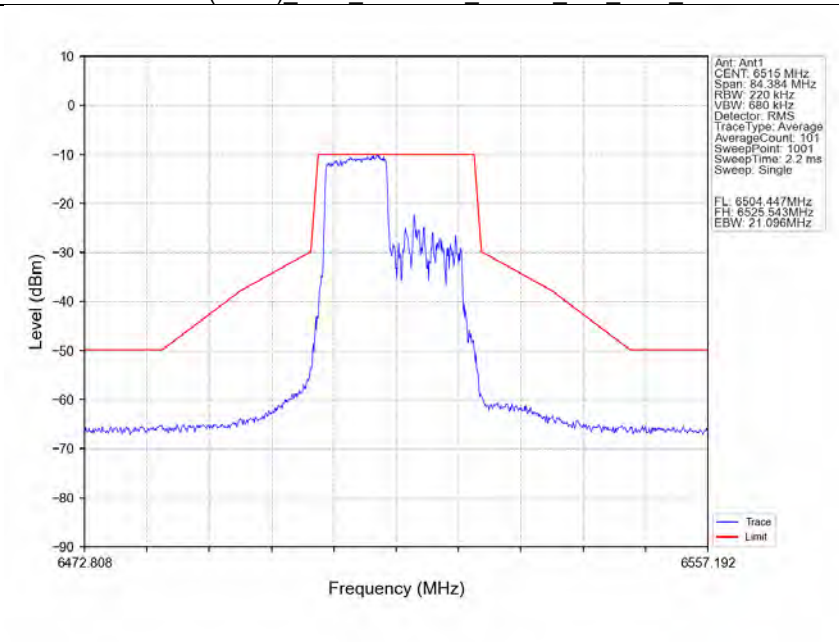
802.11ax(HE20)_HCH_6515MHz_RU52_Left_Ant1_NTNV



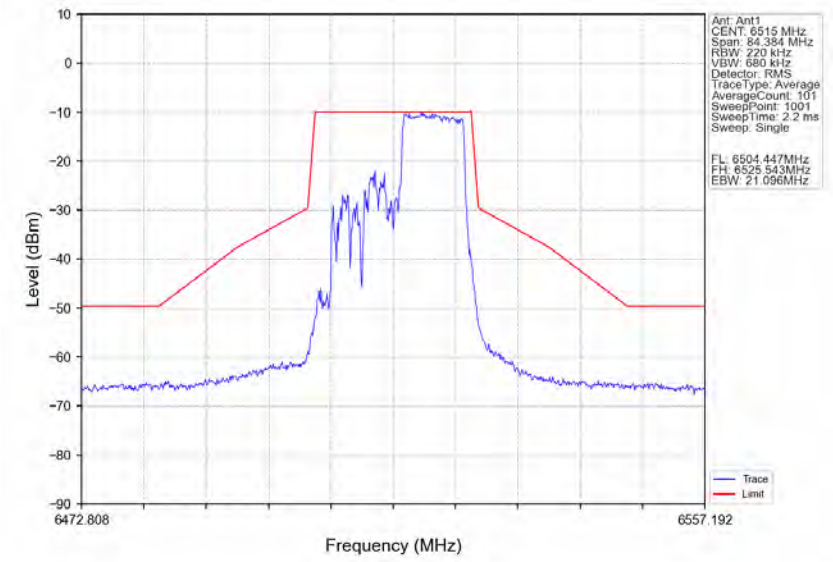
802.11ax(HE20)_HCH_6515MHz_RU52_Right_Ant1_NTNV



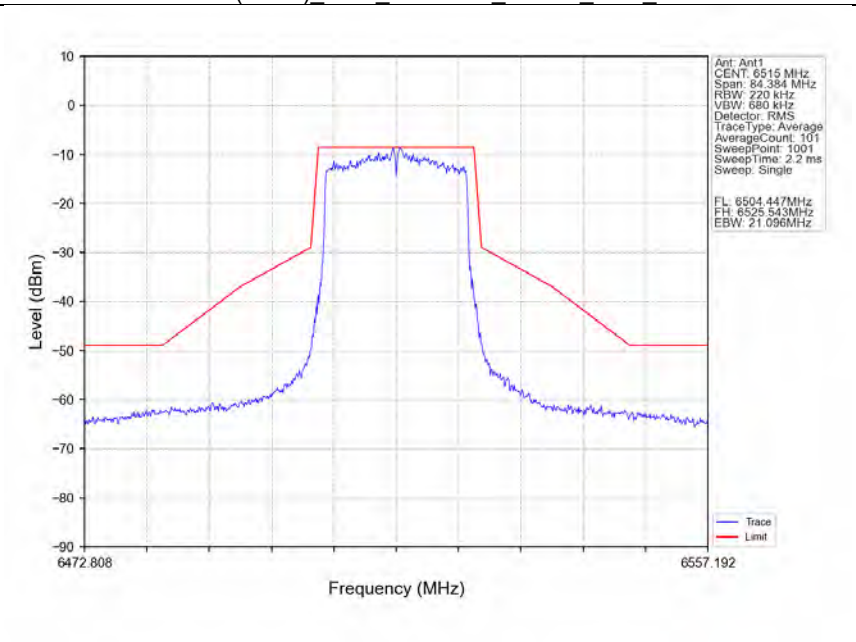
802.11ax(HE20)_HCH_6515MHz_RU106_Left_Ant1_NTNV



802.11ax(HE20)_HCH_6515MHz_RU106_Right_Ant1_NTNV

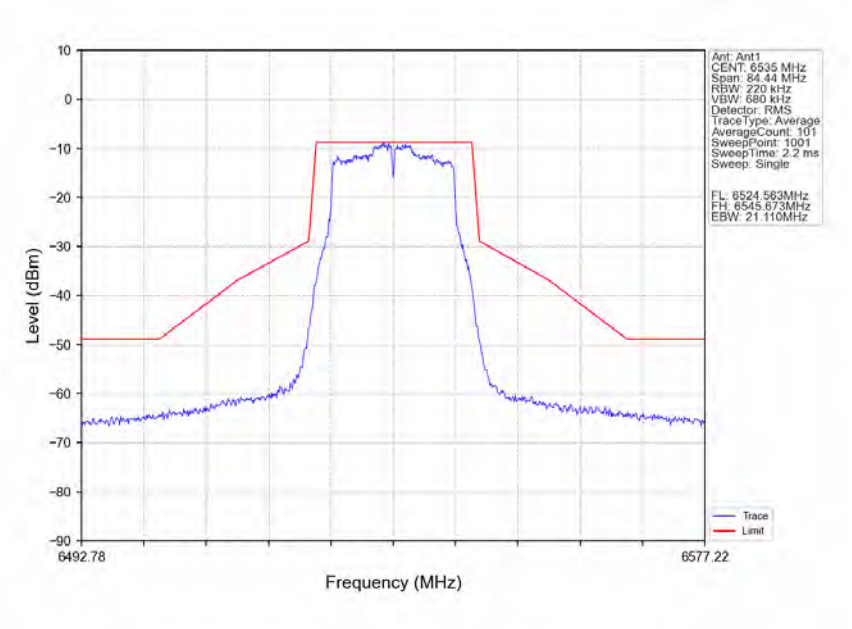


802.11ax(HE20)_HCH_6515MHz_RU242_Ant1_NTNV

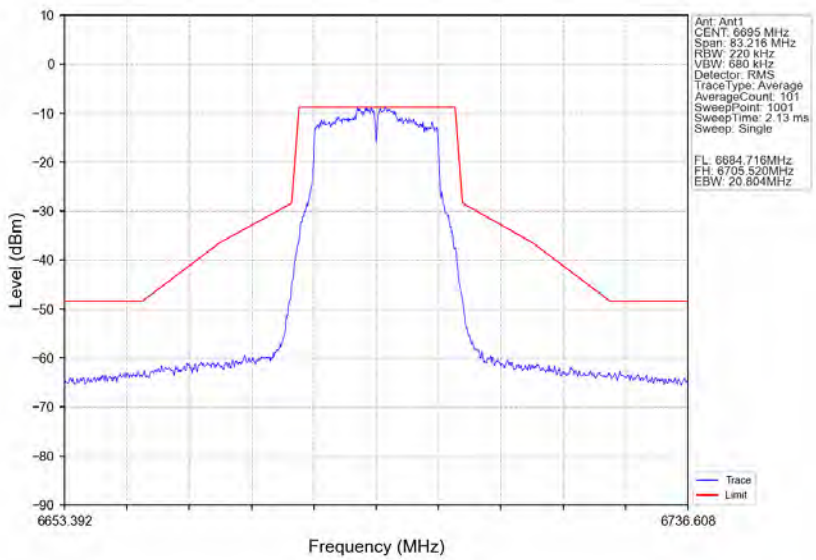


6.2.3 EMask

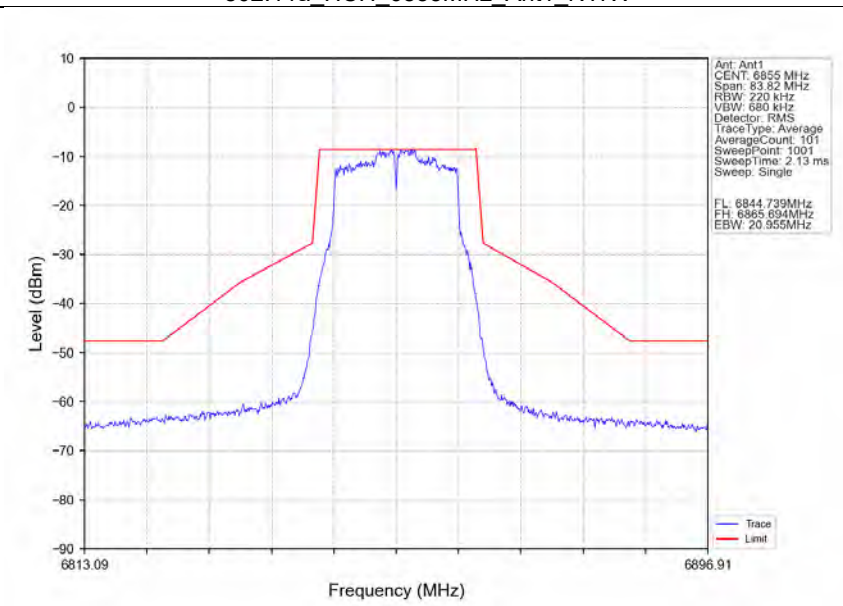
802.11a_LCH_6535MHz_Ant1_NTNV



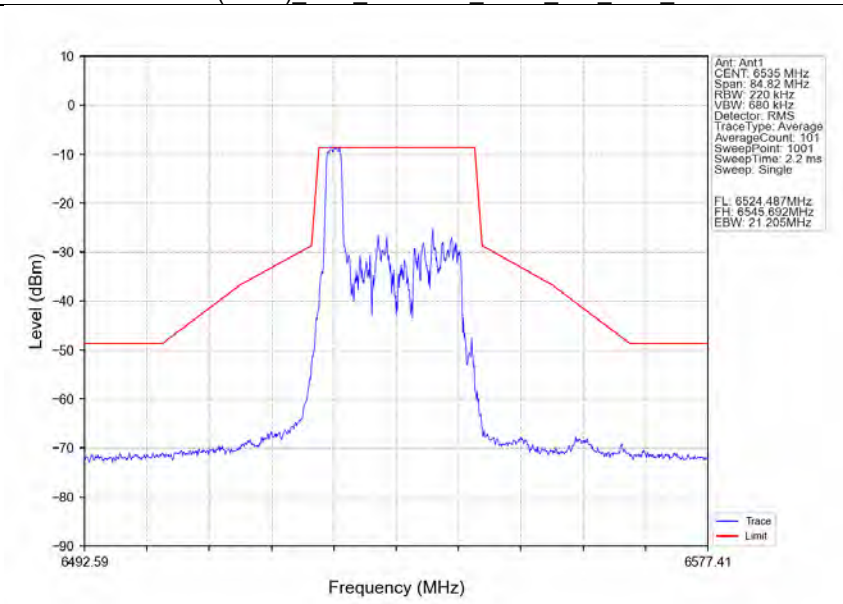
802.11a_MCH_6695MHz_Ant1_NTNV


Ant: Ant1
CENT: 6695 MHz
Span: 83.216 MHz
RBW: 220 kHz
VBW: 680 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 1001
SweepTime: 2.13 ms
Sweep: Single
FL: 6684.716MHz
FH: 6705.520MHz
EBW: 20.804MHz
Trace
Limit
Level (dBm)
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
6653.392
6736.608
Frequency (MHz)

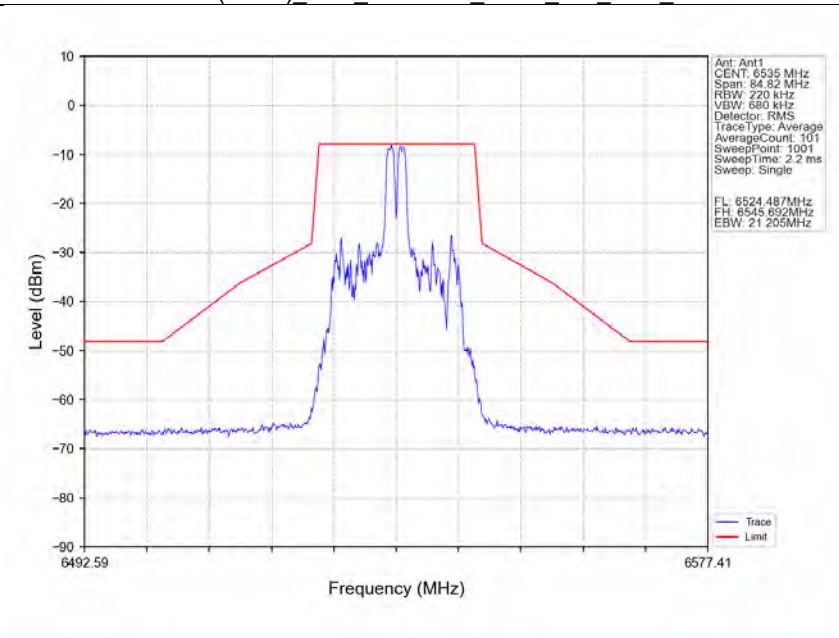
802.11a_HCH_6855MHz_Ant1_NTNV



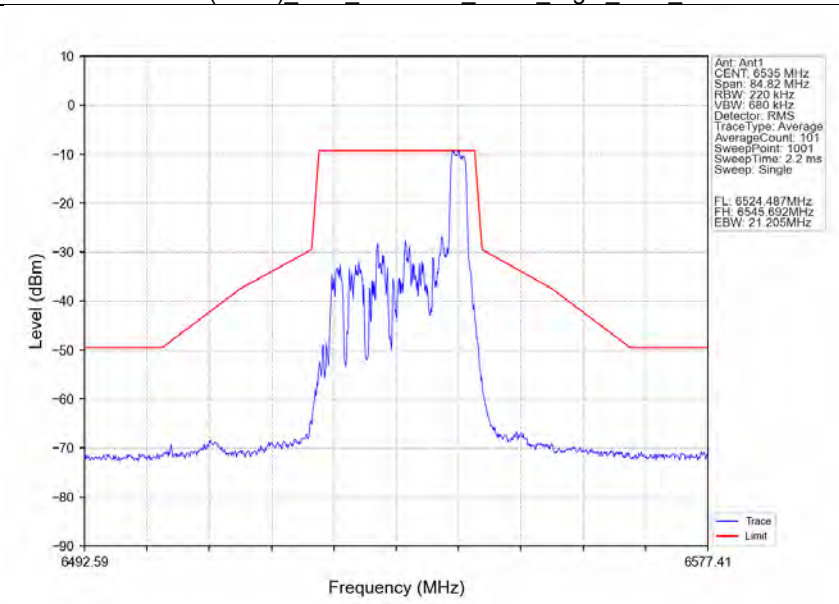
802.11ax(HE20)_LCH_6535MHz_RU26_Left_Ant1_NTNV



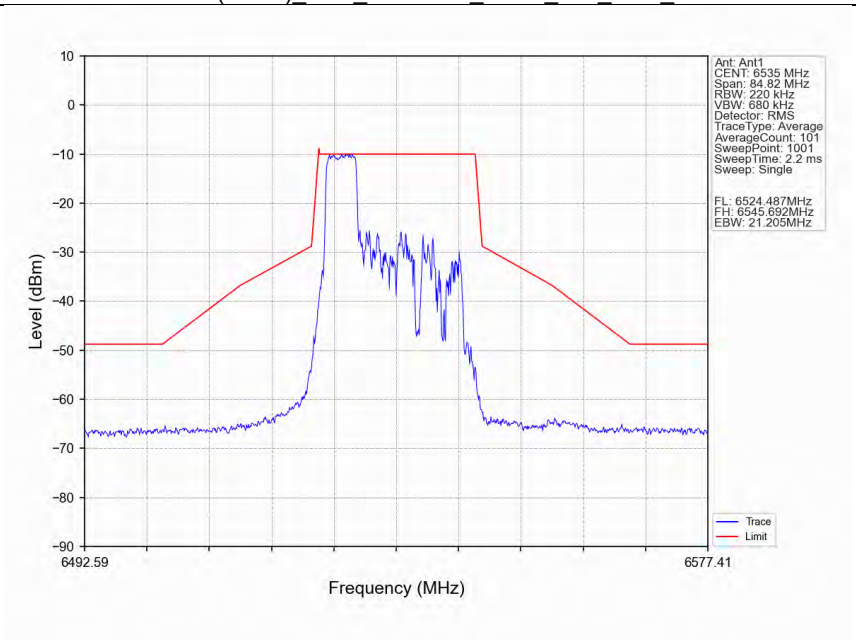
802.11ax(HE20)_LCH_6535MHz_RU26_Mid_Ant1_NTNV



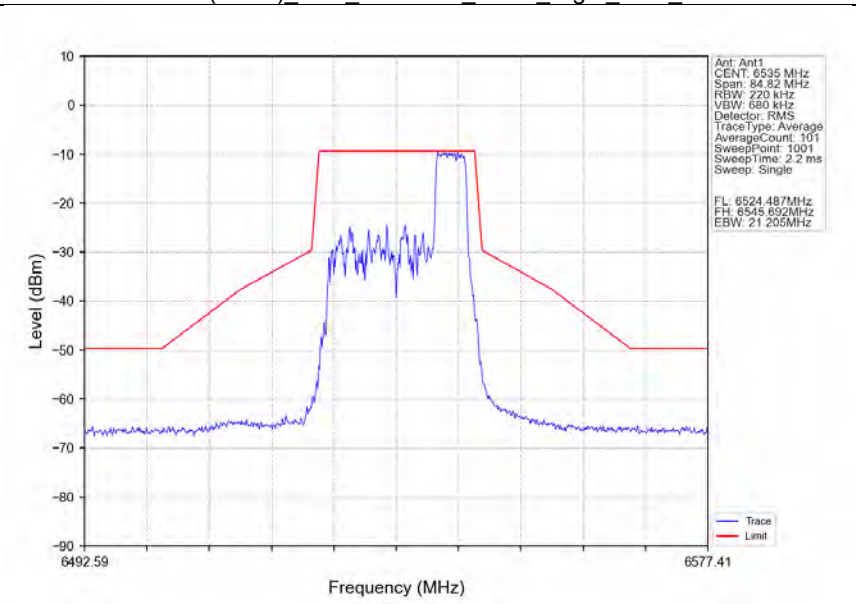
802.11ax(HE20)_LCH_6535MHz_RU26_Right_Ant1_NTNV



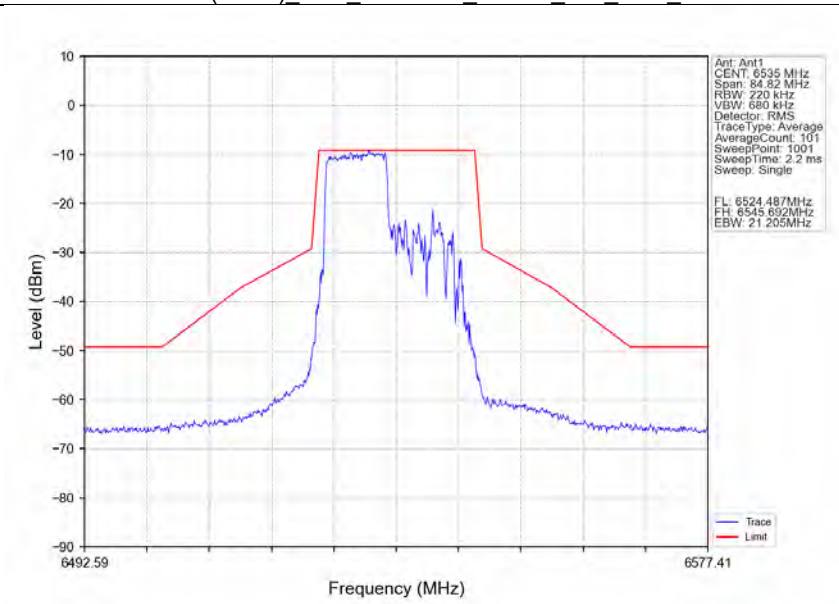
802.11ax(HE20)_LCH_6535MHz_RU52_Left_Ant1_NTNV



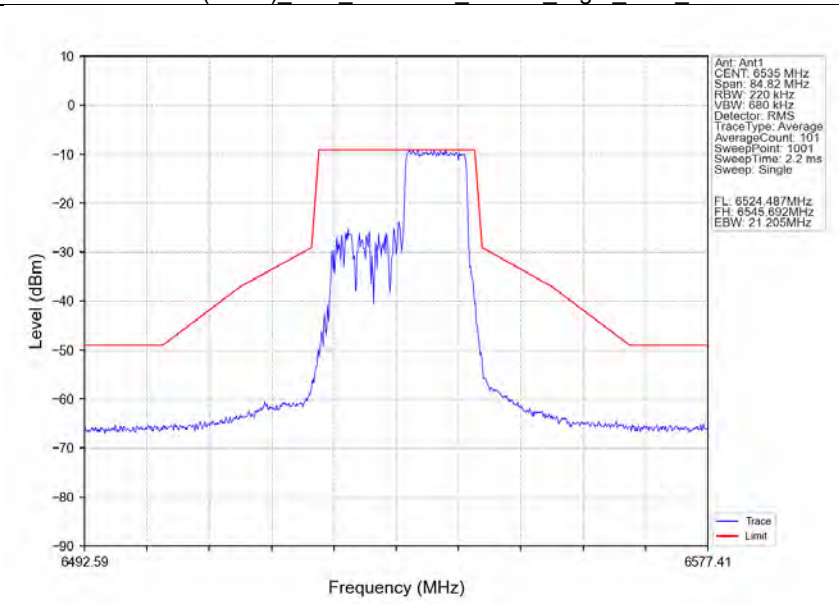
802.11ax(HE20)_LCH_6535MHz_RU52_Right_Ant1_NTNV



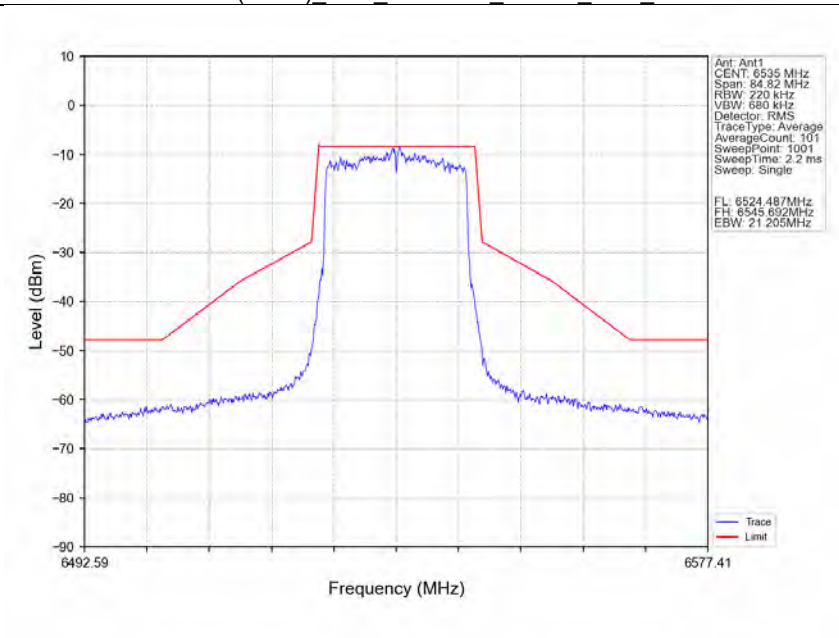
802.11ax(HE20)_LCH_6535MHz_RU106_Left_Ant1_NTNV



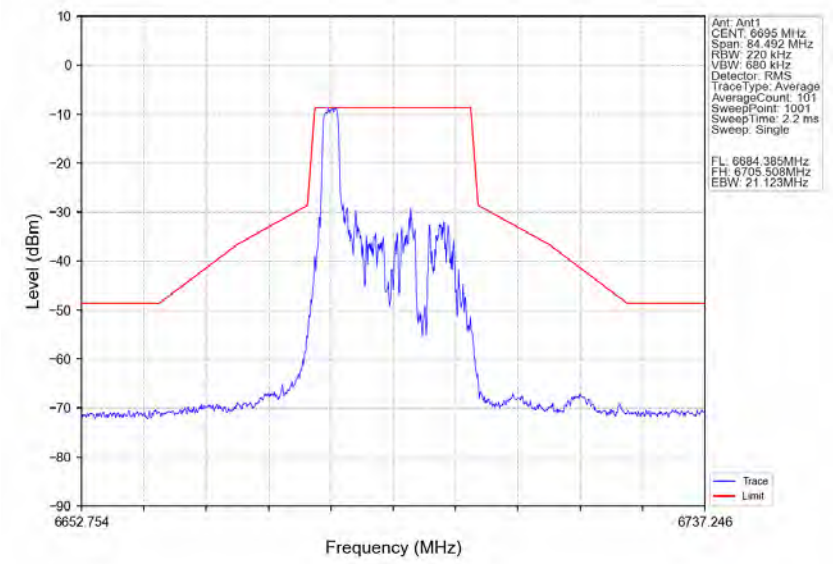
802.11ax(HE20)_LCH_6535MHz_RU106_Right_Ant1_NTNV



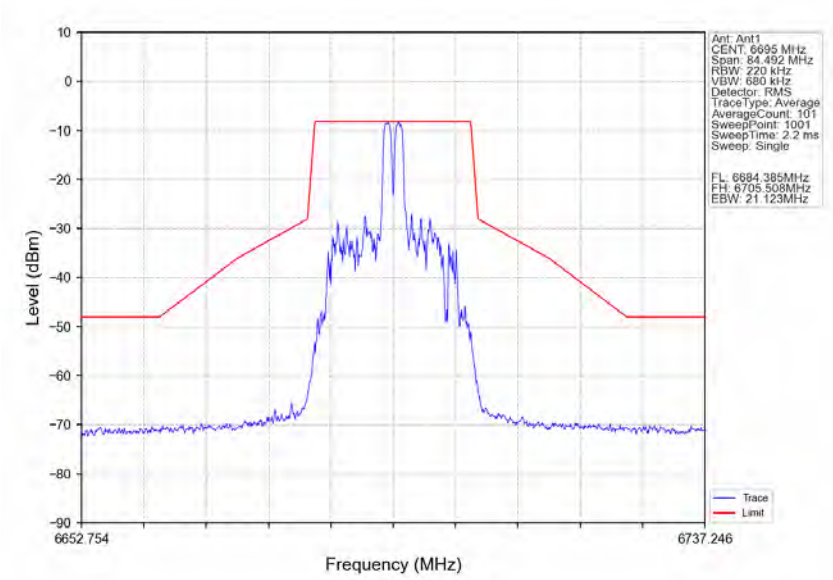
802.11ax(HE20)_LCH_6535MHz_RU242_Ant1_NTNV



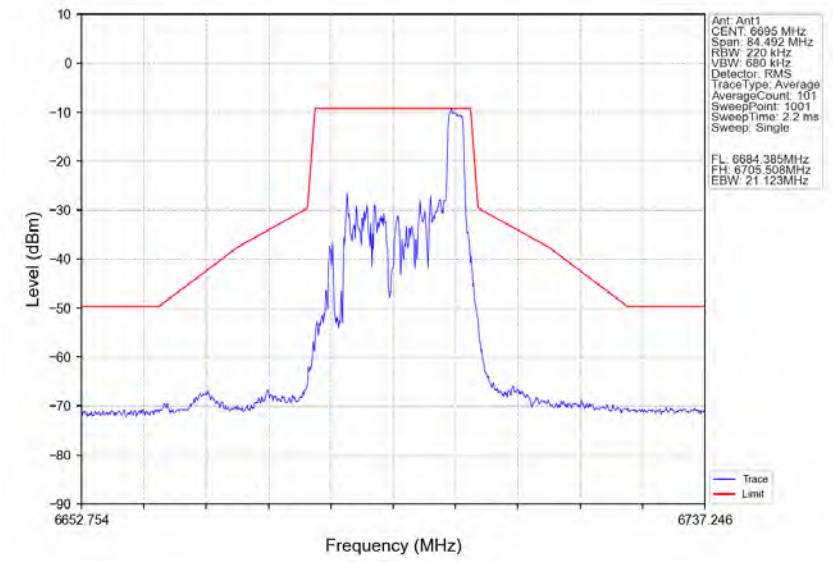
802.11ax(HE20)_MCH_6695MHz_RU26_Left_Ant1_NTNV



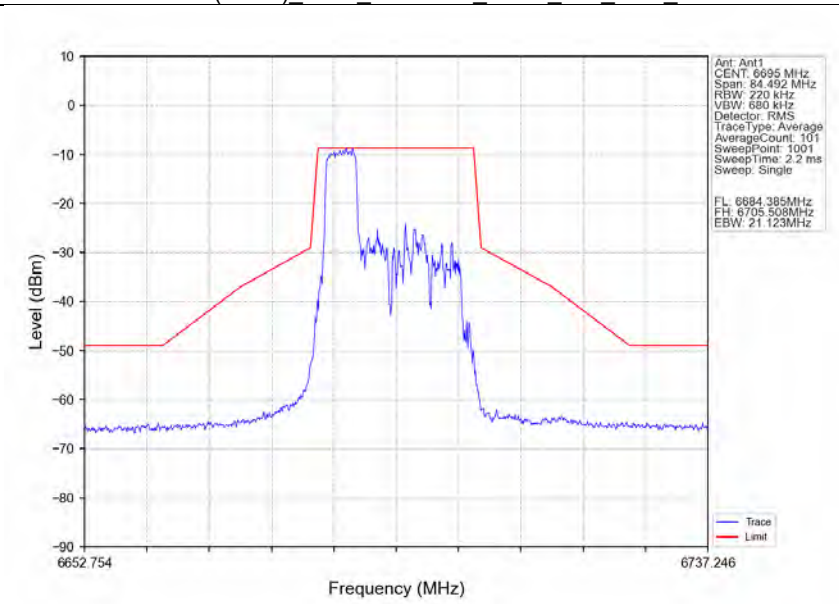
802.11ax(HE20)_MCH_6695MHz_RU26_Mid_Ant1_NTNV



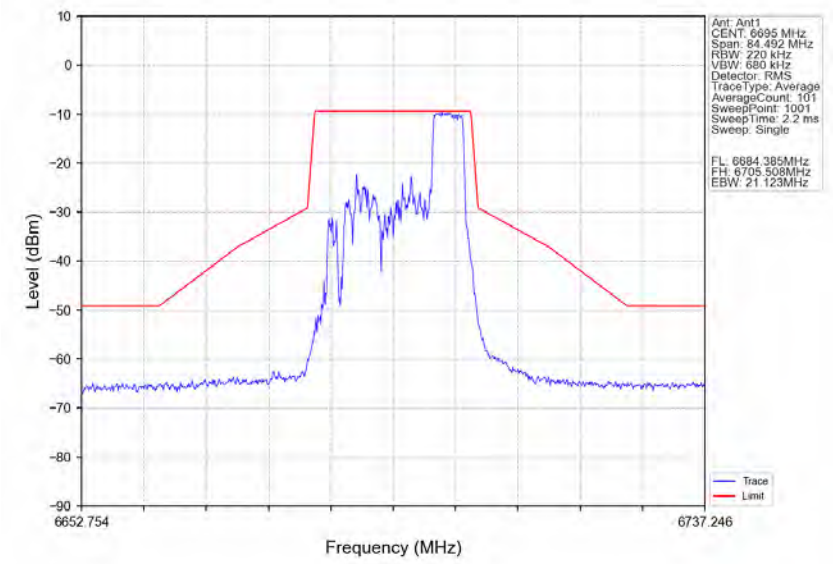
802.11ax(HE20)_MCH_6695MHz_RU26_Right_Ant1_NTNV



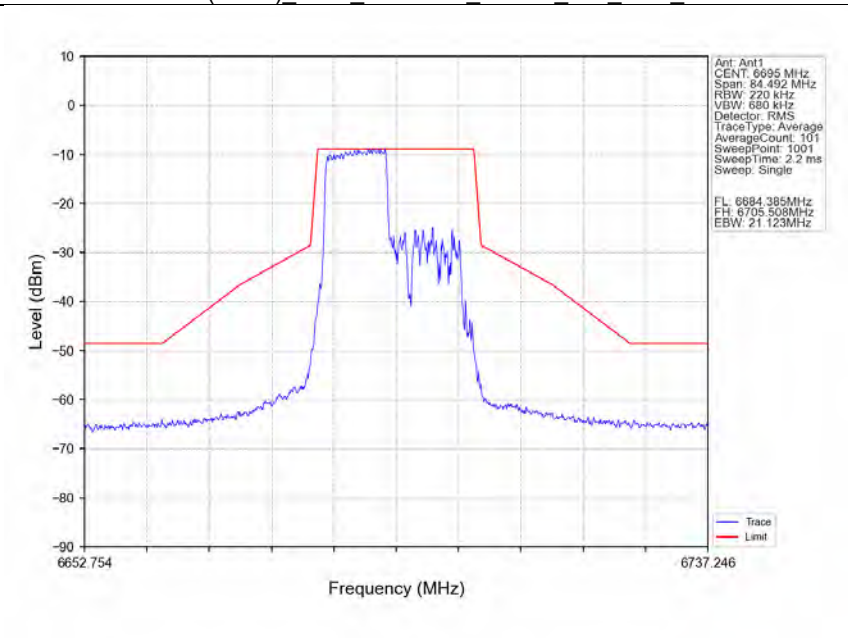
802.11ax(HE20)_MCH_6695MHz_RU52_Left_Ant1_NTNV



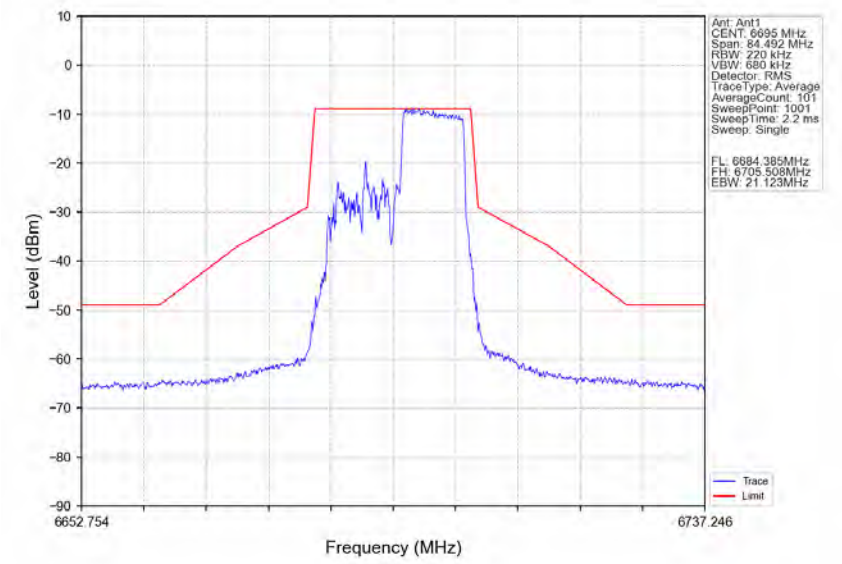
802.11ax(HE20)_MCH_6695MHz_RU52_Right_Ant1_NTNV



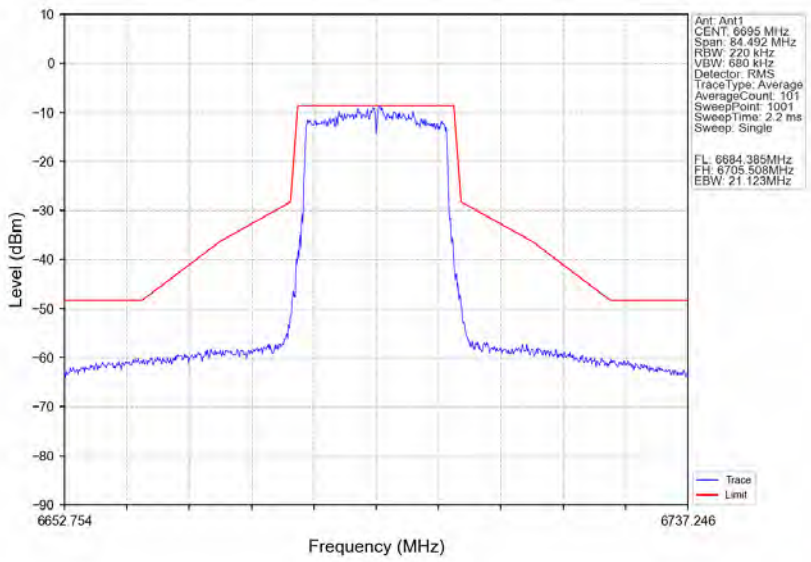
802.11ax(HE20)_MCH_6695MHz_RU106_Left_Ant1_NTNV



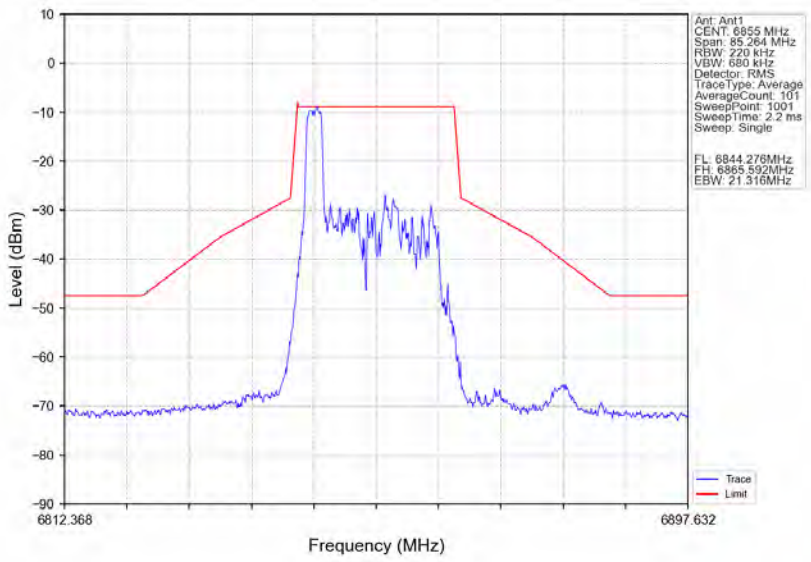
802.11ax(HE20)_MCH_6695MHz_RU106_Right_Ant1_NTNV



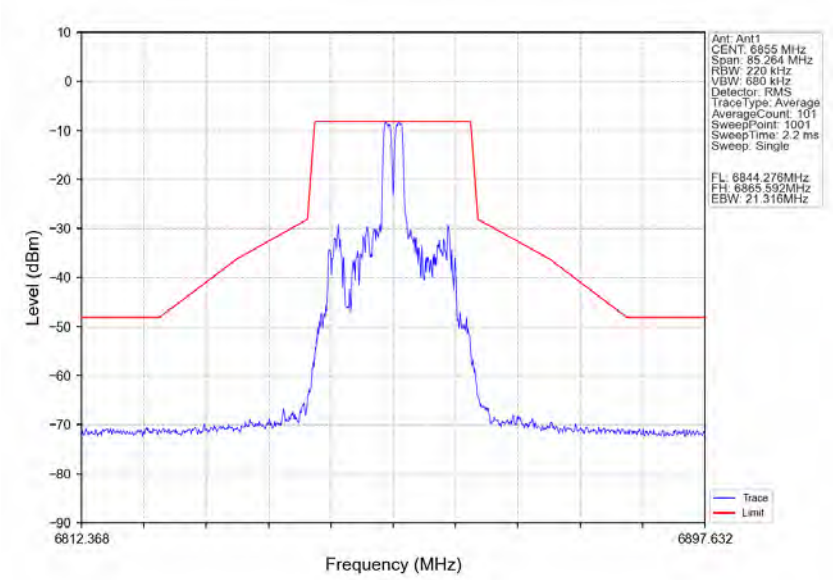
802.11ax(HE20)_MCH_6695MHz_RU242_Ant1_NTNV



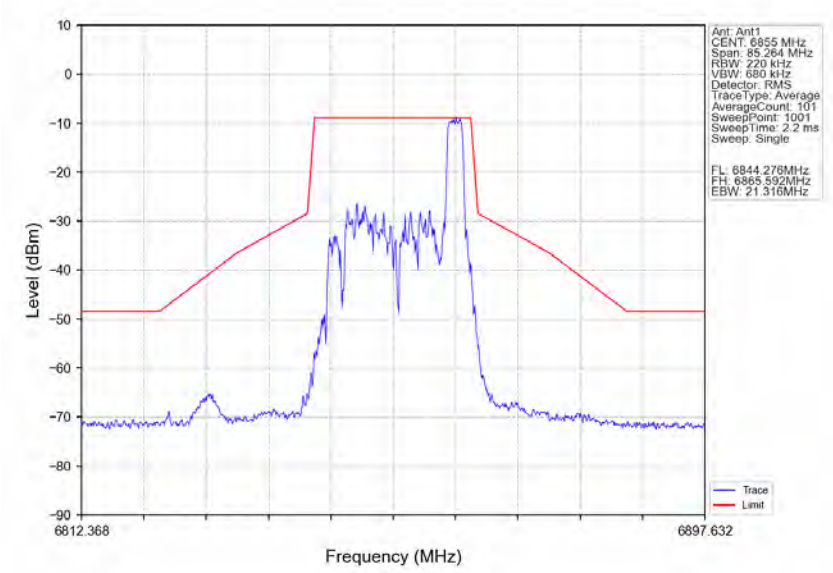
802.11ax(HE20)_HCH_6855MHz_RU26_Left_Ant1_NTNV



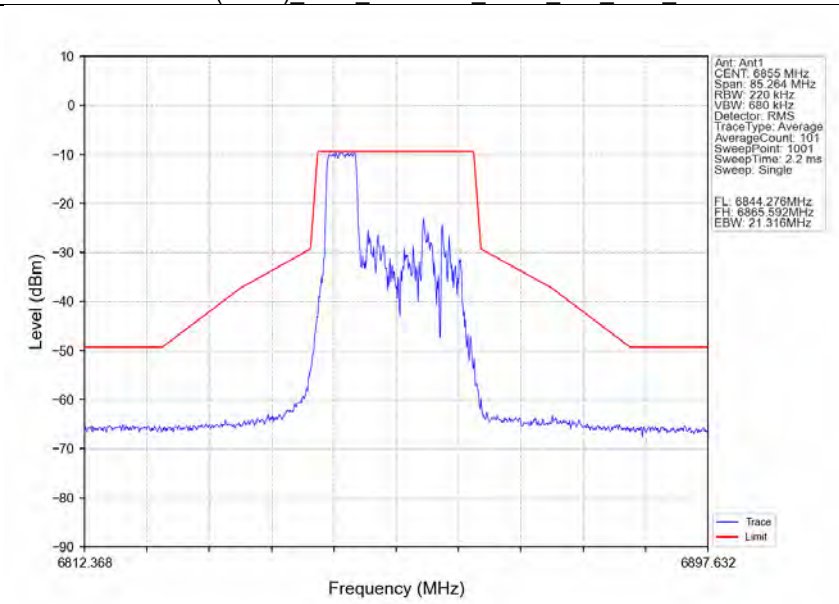
802.11ax(HE20)_HCH_6855MHz_RU26_Mid_Ant1_NTNV



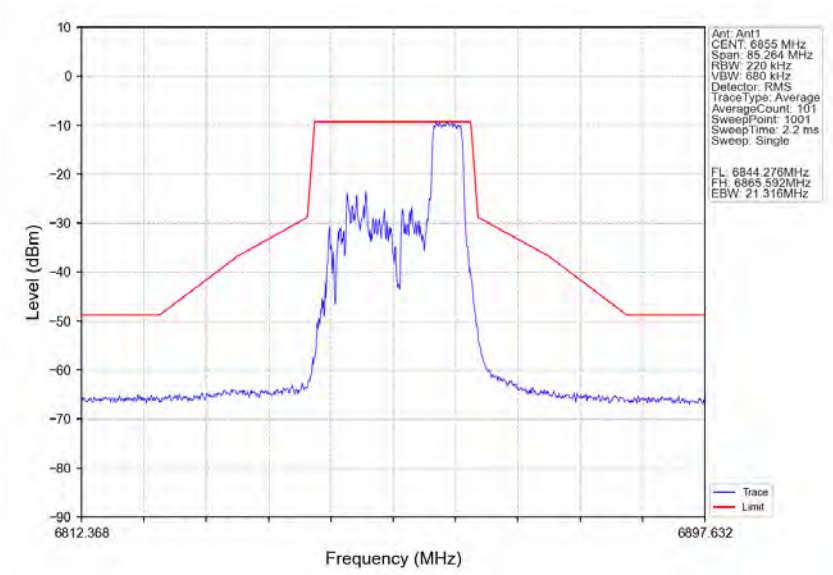
802.11ax(HE20)_HCH_6855MHz_RU26_Right_Ant1_NTNV



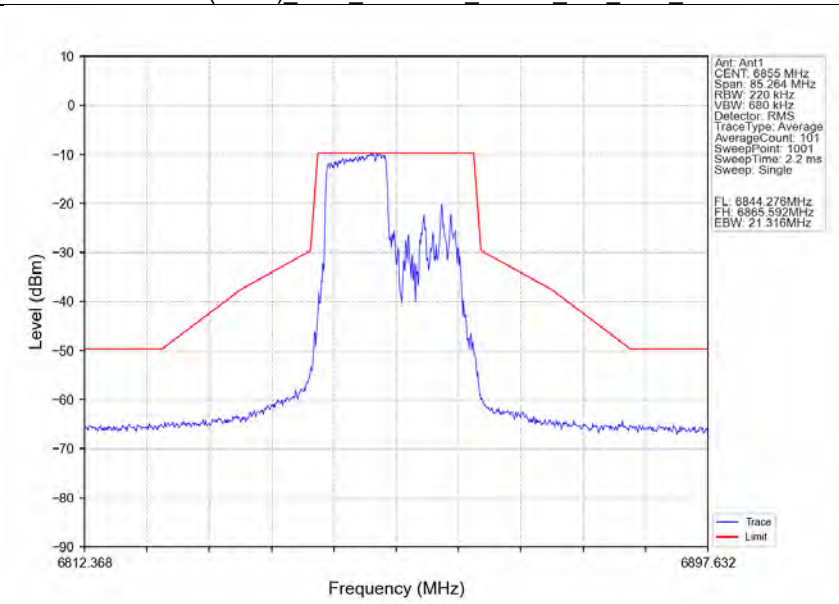
802.11ax(HE20)_HCH_6855MHz_RU52_Left_Ant1_NTNV



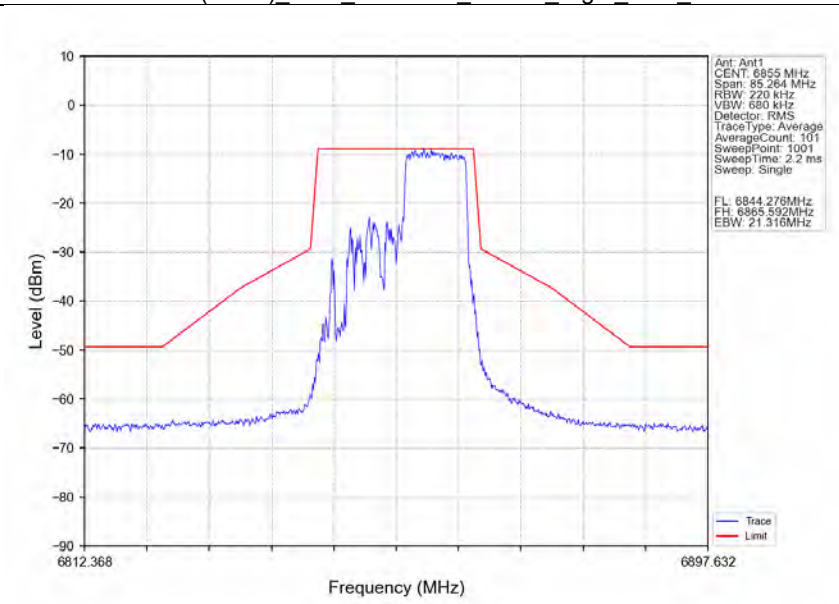
802.11ax(HE20)_HCH_6855MHz_RU52_Right_Ant1_NTNV



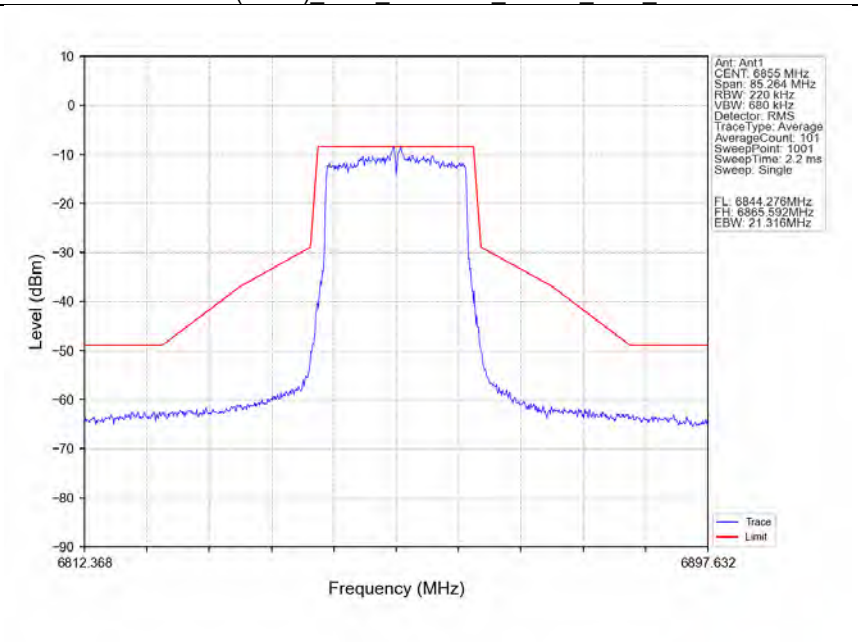
802.11ax(HE20)_HCH_6855MHz_RU106_Left_Ant1_NTNV



802.11ax(HE20)_HCH_6855MHz_RU106_Right_Ant1_NTNV

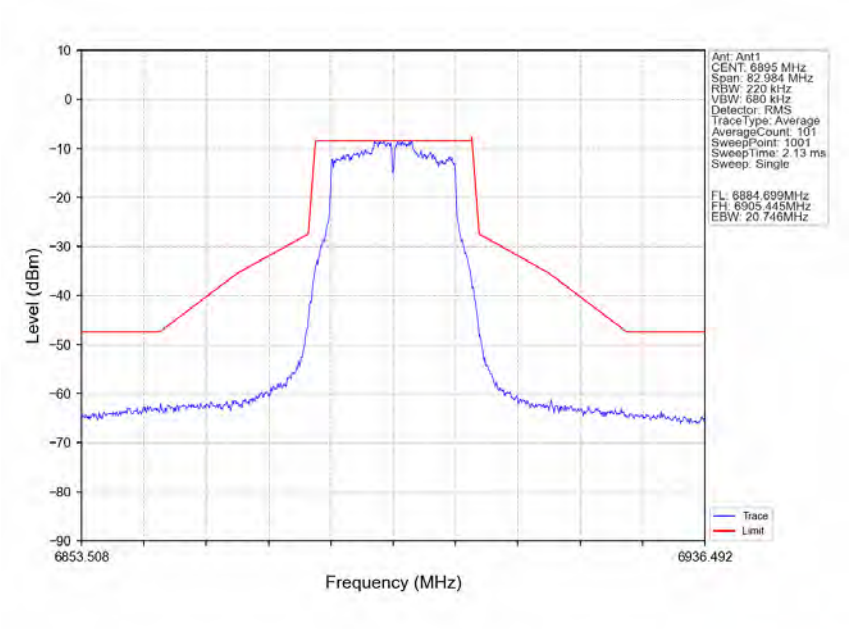


802.11ax(HE20)_HCH_6855MHz_RU242_Ant1_NTNV

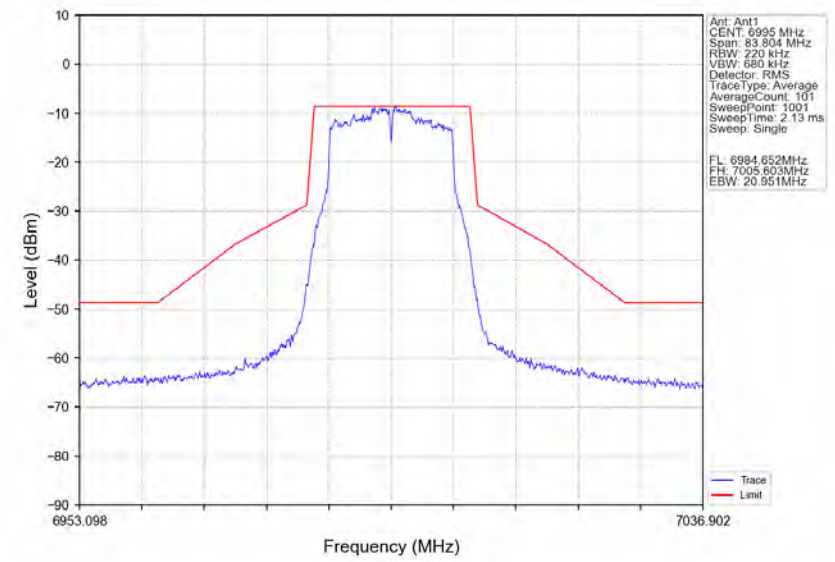


6.2.4 EMask

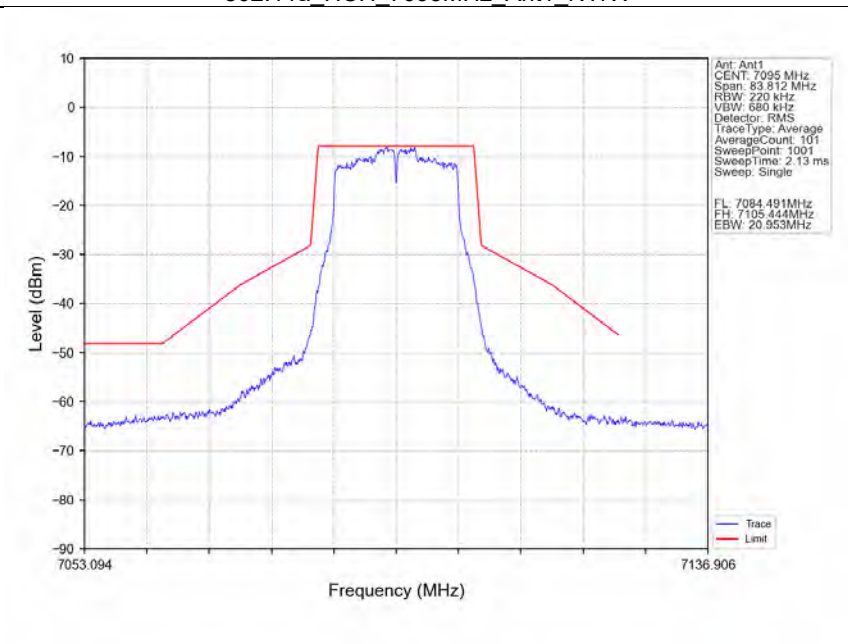
802.11a_LCH_6895MHz_Ant1_NTNV



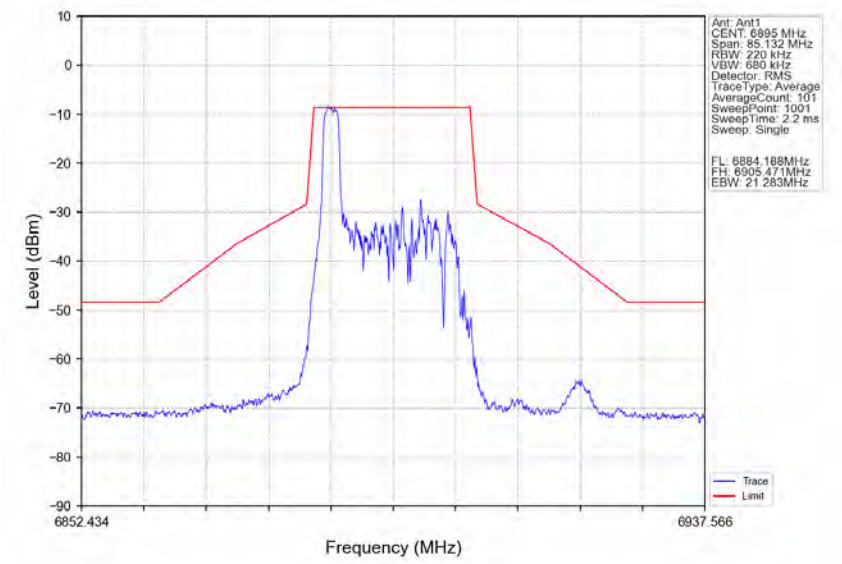
802.11a_MCH_6995MHz_Ant1_NTNV


Ant: Ant1
CENT: 6995 MHz
Span: 83.804 MHz
RBW: 220 kHz
VBW: 680 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 1001
SweepTime: 2.13 ms
Sweep: Single
FL: 6984.652MHz
FH: 7005.603MHz
EBW: 20.951MHz
Trace
Limit
Level (dBm)
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
6953.098
7036.902
Frequency (MHz)

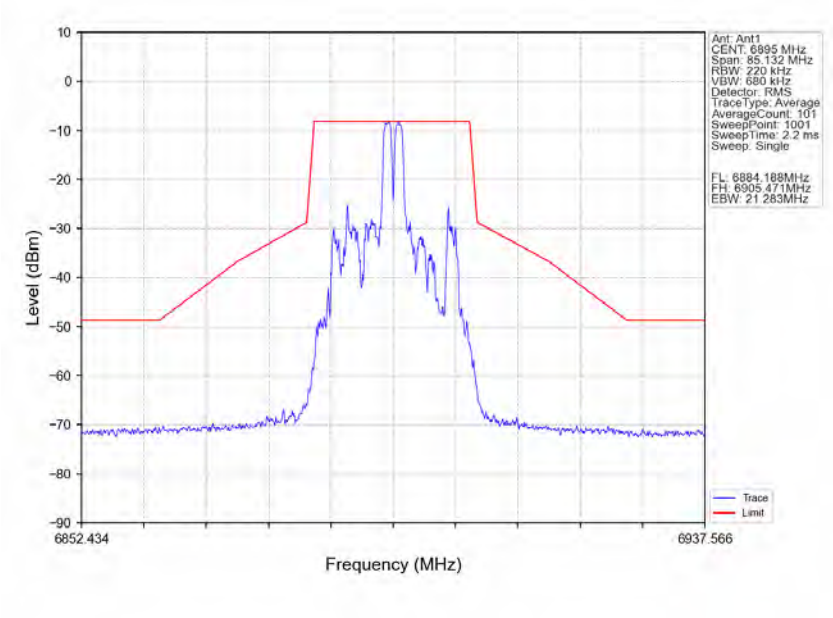
802.11a_HCH_7095MHz_Ant1_NTNV



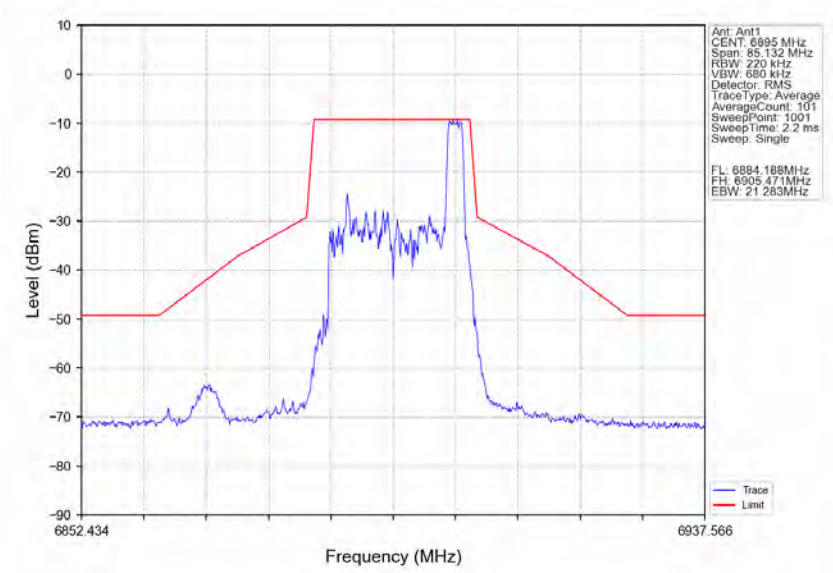
802.11ax(HE20)_LCH_6895MHz_RU26_Left_Ant1_NTNV



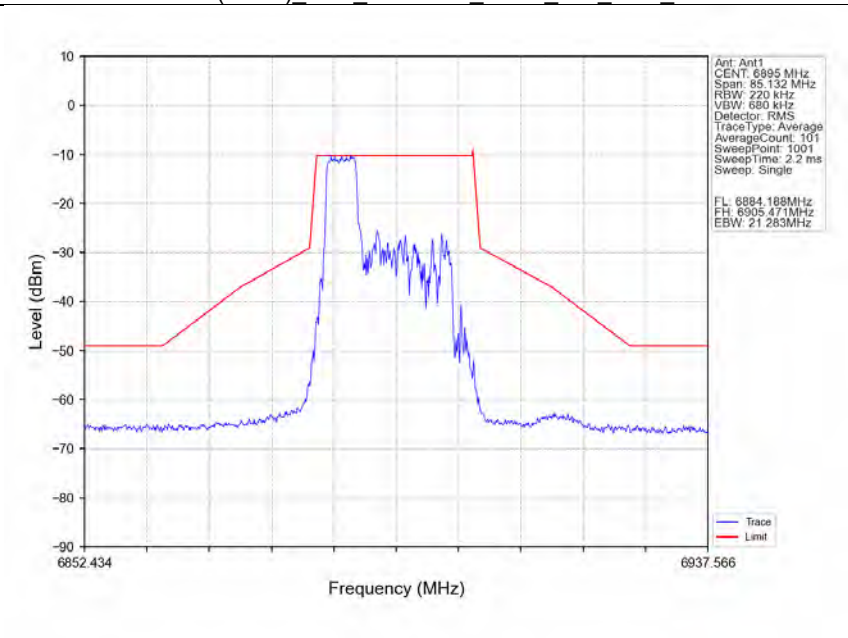
802.11ax(HE20)_LCH_6895MHz_RU26_Mid_Ant1_NTNV



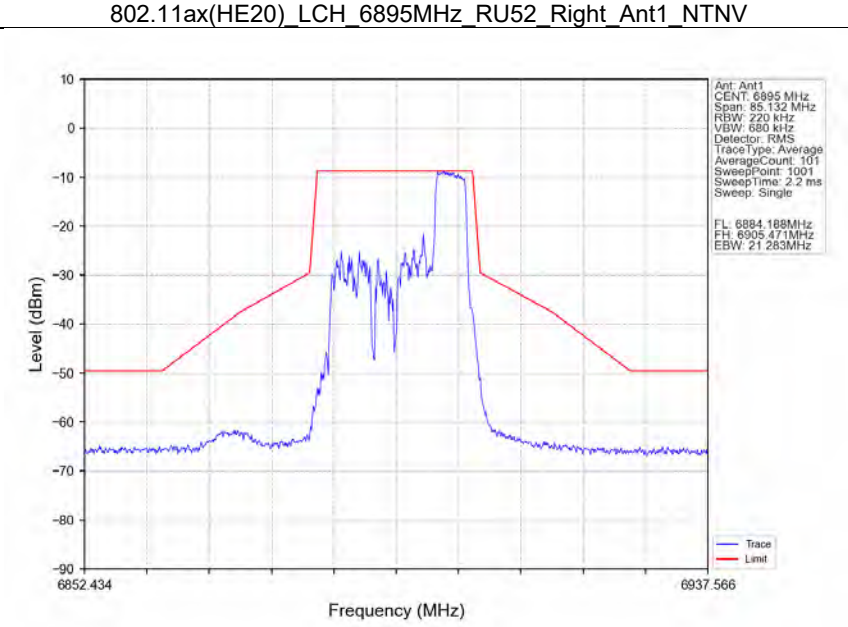
802.11ax(HE20)_LCH_6895MHz_RU26_Right_Ant1_NTNV



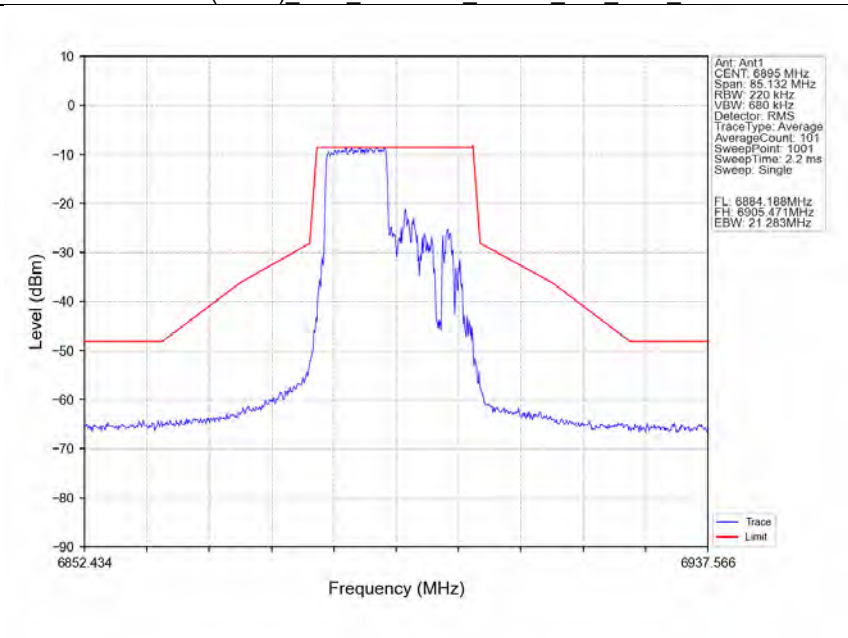
802.11ax(HE20)_LCH_6895MHz_RU52_Left_Ant1_NTNV



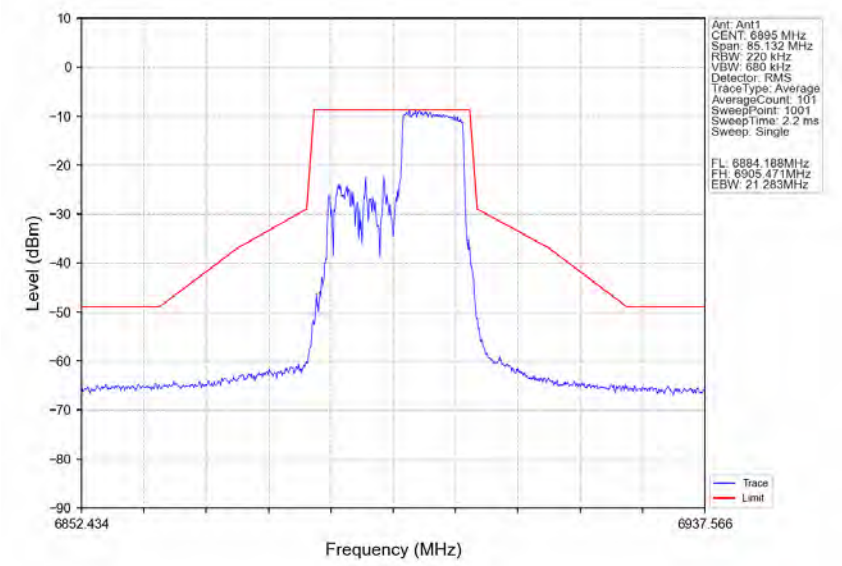
802.11ax(HE20)_LCH_6895MHz_RU52_Right_Ant1_NTNV



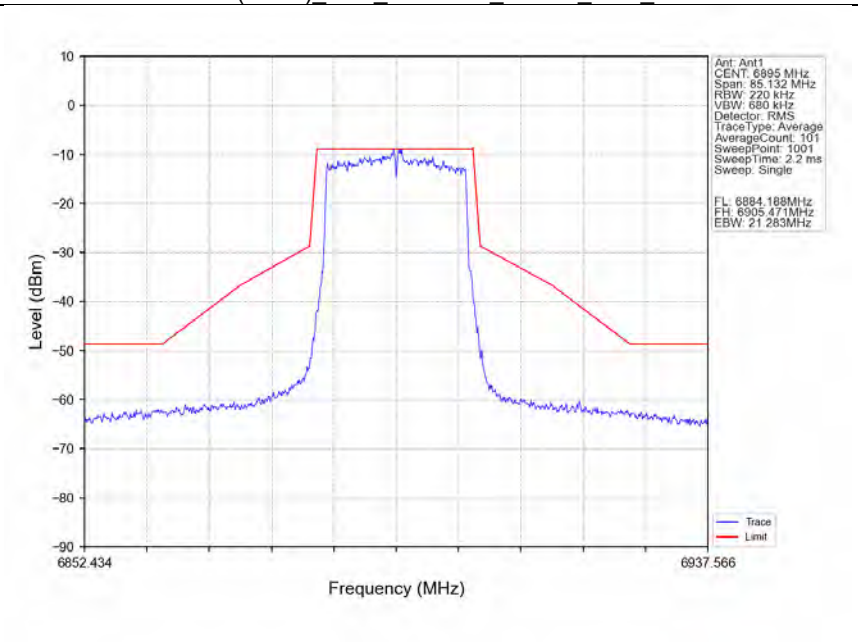
802.11ax(HE20)_LCH_6895MHz_RU106_Left_Ant1_NTNV



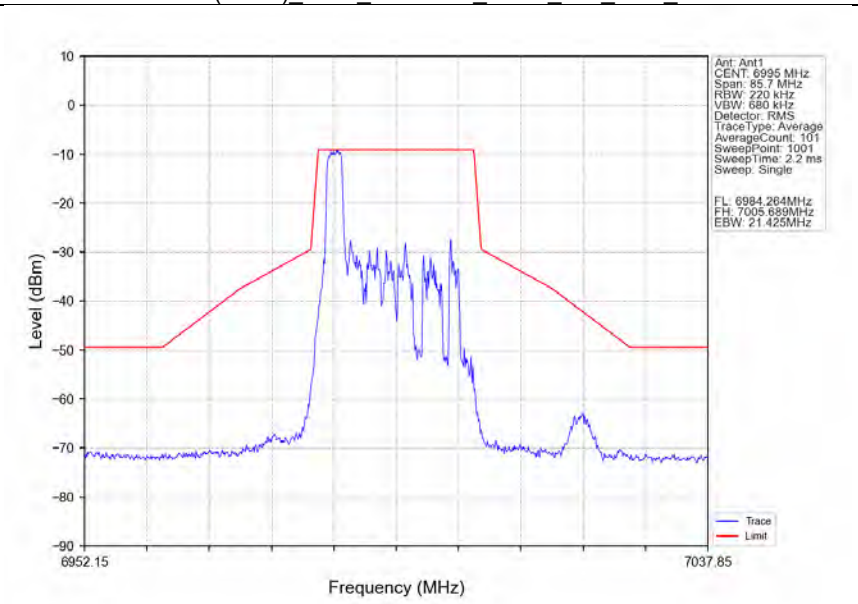
802.11ax(HE20)_LCH_6895MHz_RU106_Right_Ant1_NTNV



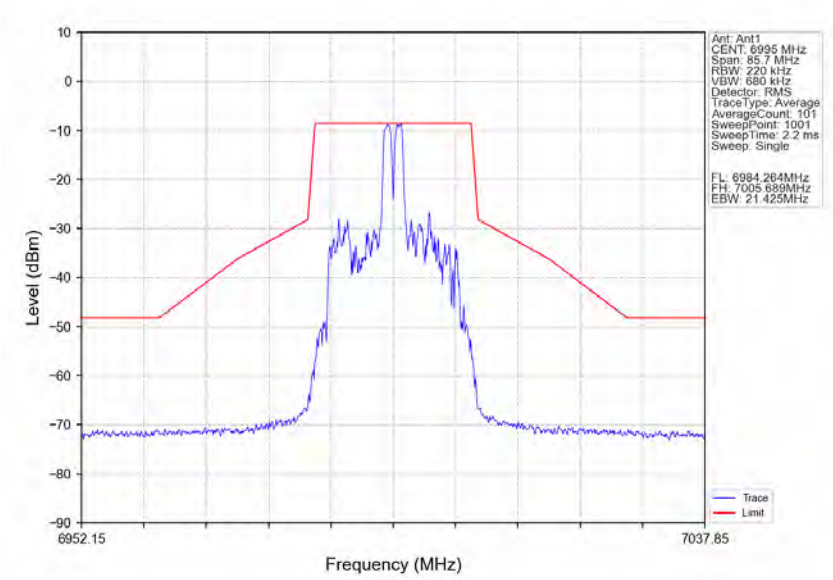
802.11ax(HE20)_LCH_6895MHz_RU242_Ant1_NTNV



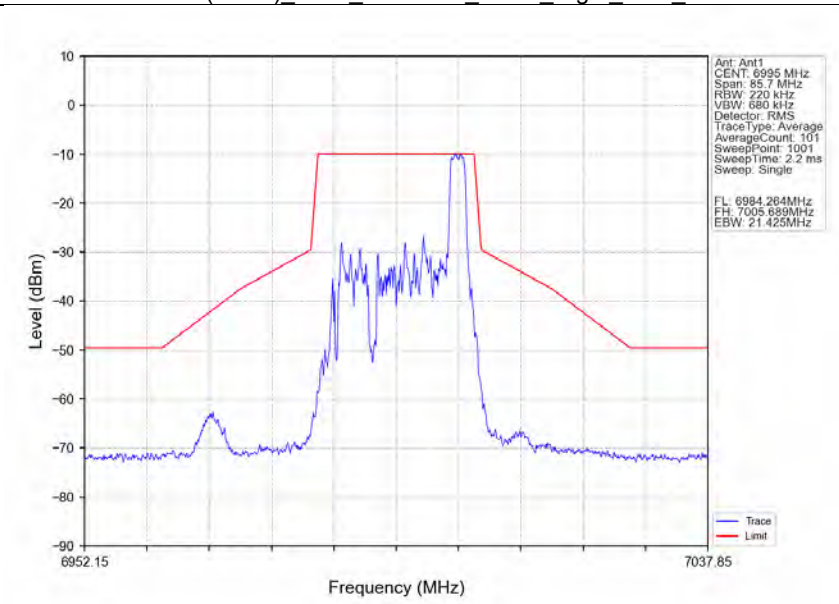
802.11ax(HE20)_MCH_6995MHz_RU26_Left_Ant1_NTNV



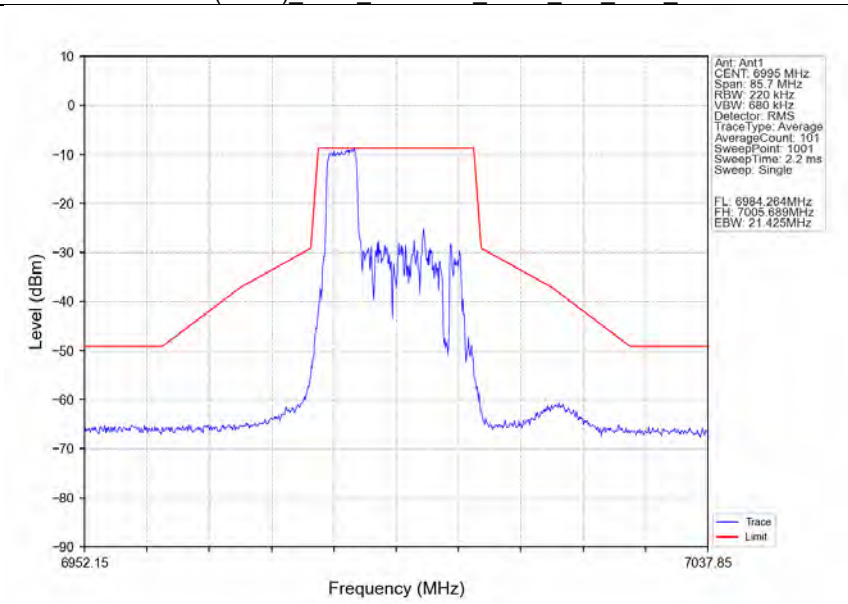
802.11ax(HE20)_MCH_6995MHz_RU26_Mid_Ant1_NTNV



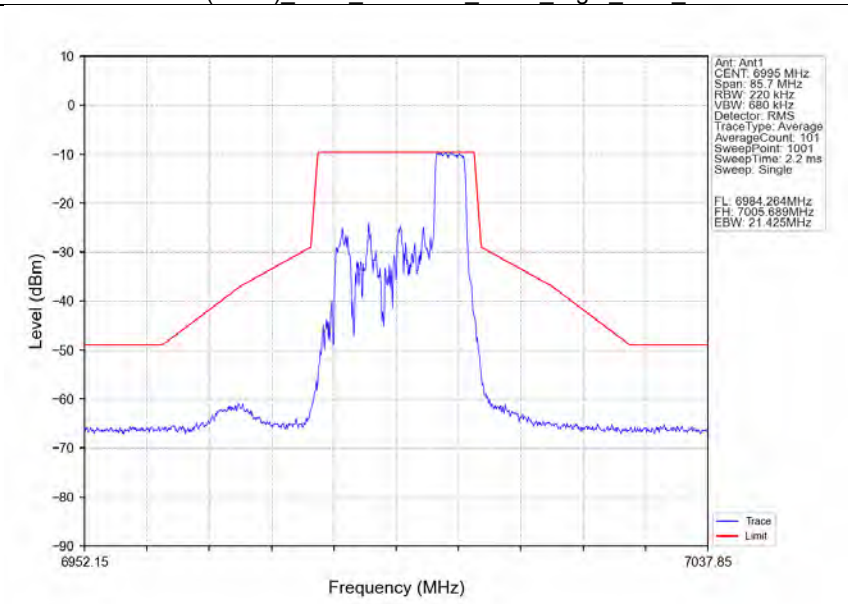
802.11ax(HE20)_MCH_6995MHz_RU26_Right_Ant1_NTNV



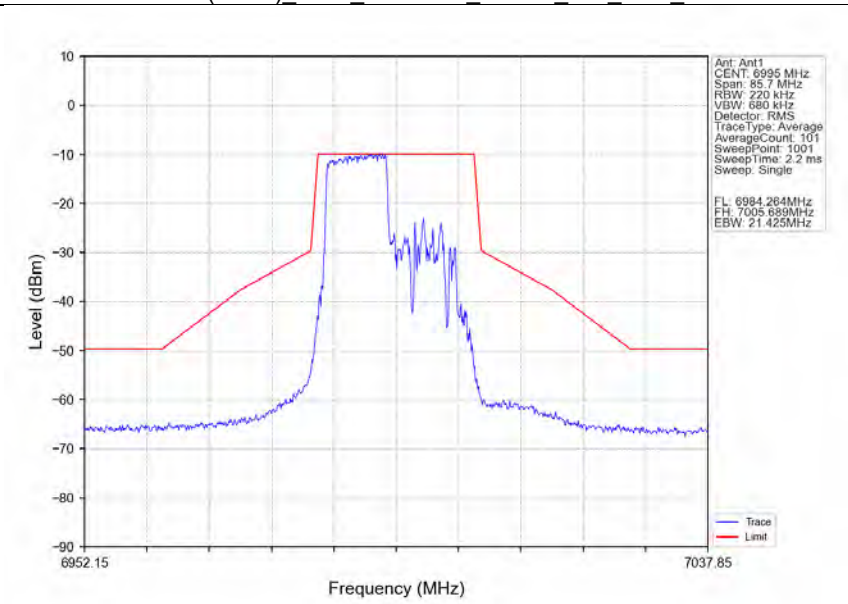
802.11ax(HE20)_MCH_6995MHz_RU52_Left_Ant1_NTNV



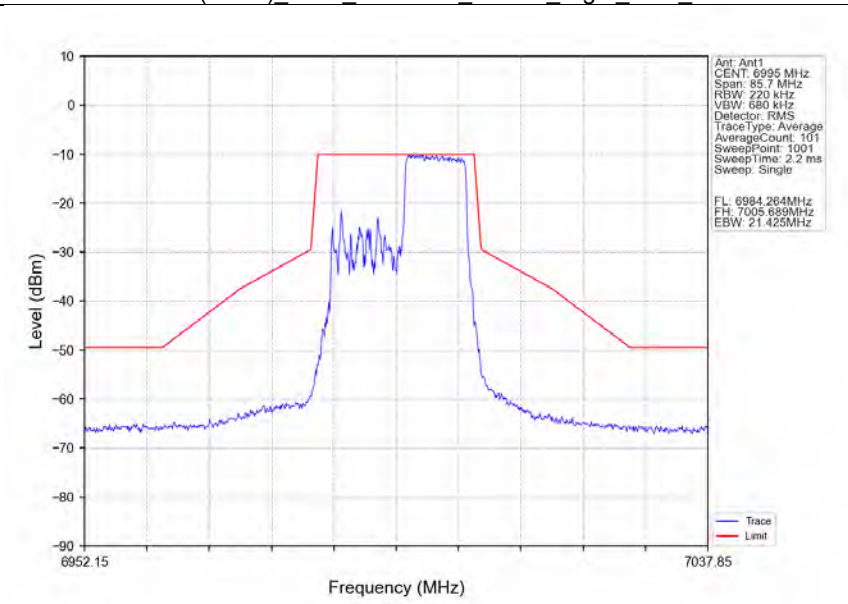
802.11ax(HE20)_MCH_6995MHz_RU52_Right_Ant1_NTNV



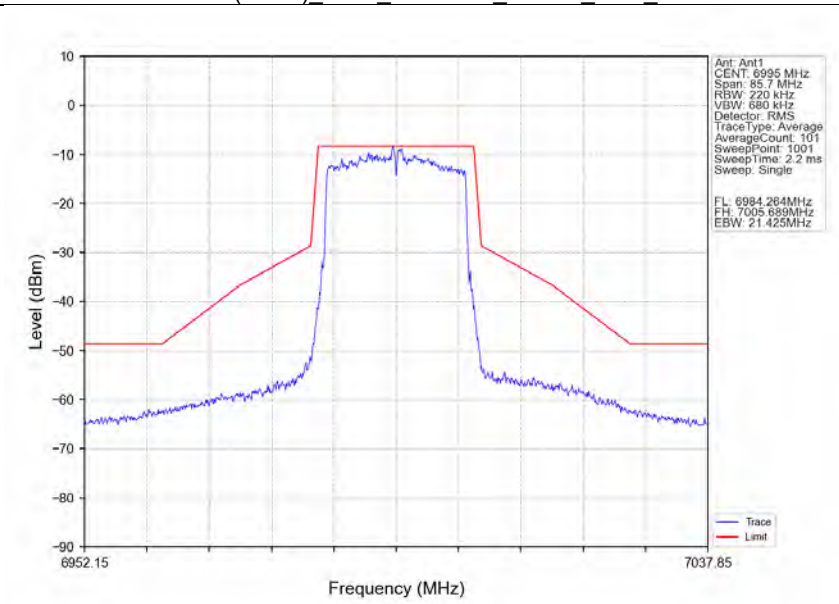
802.11ax(HE20)_MCH_6995MHz_RU106_Left_Ant1_NTNV



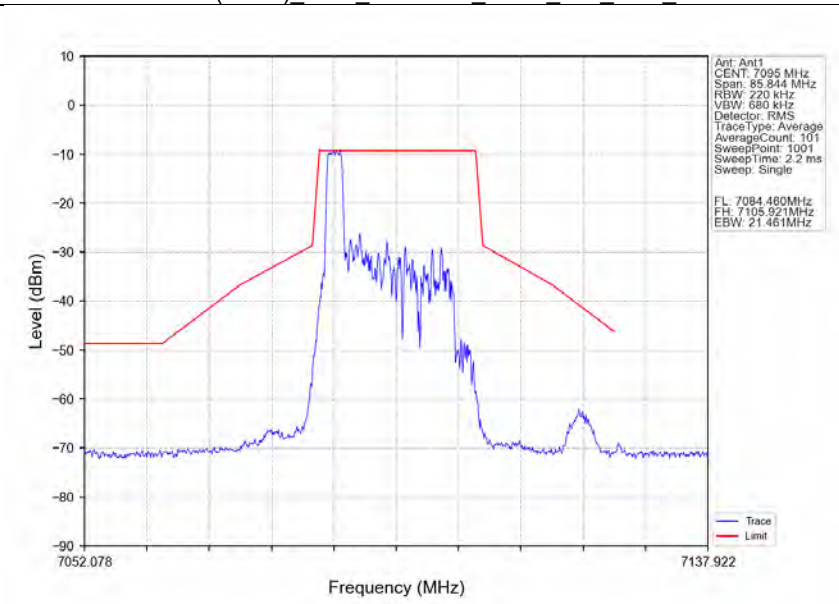
802.11ax(HE20)_MCH_6995MHz_RU106_Right_Ant1_NTNV



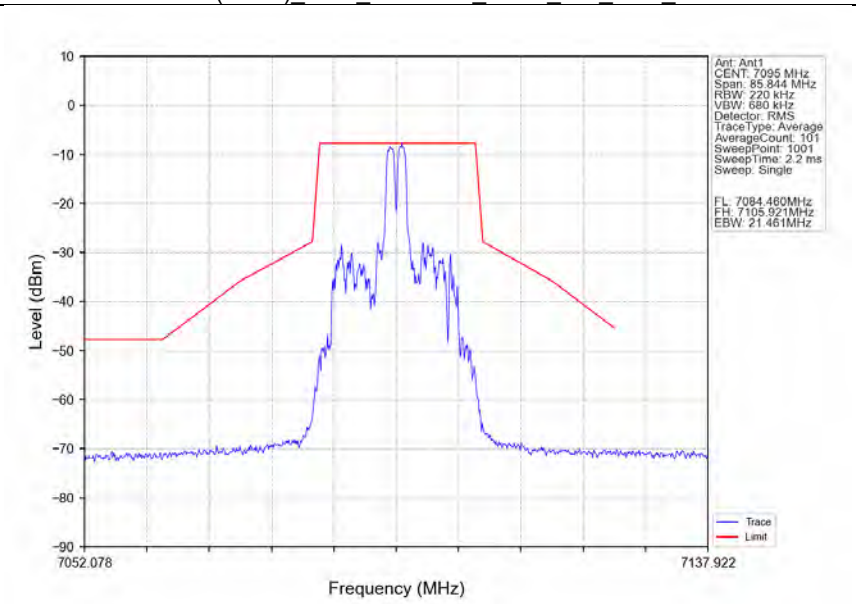
802.11ax(HE20)_MCH_6995MHz_RU242_Ant1_NTNV



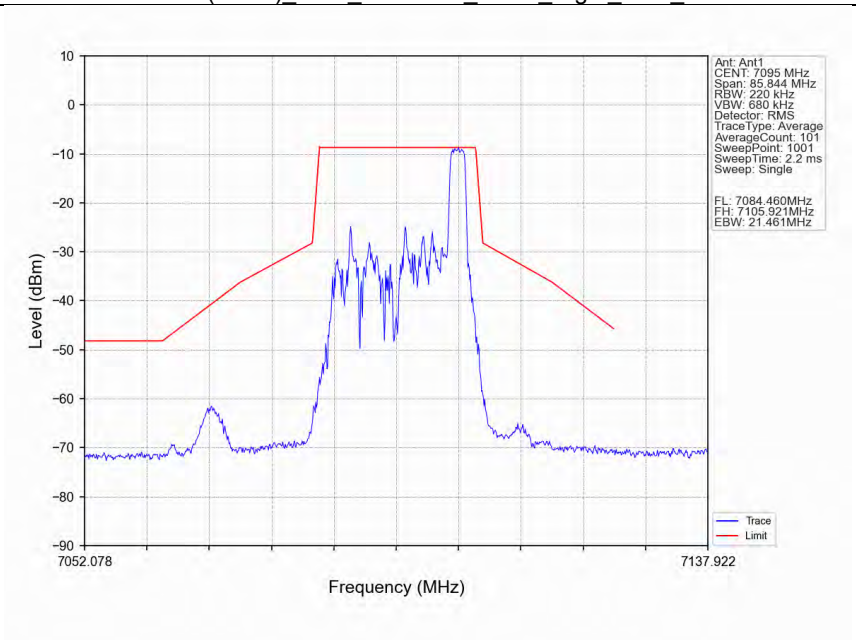
802.11ax(HE20)_HCH_7095MHz_RU26_Left_Ant1_NTNV



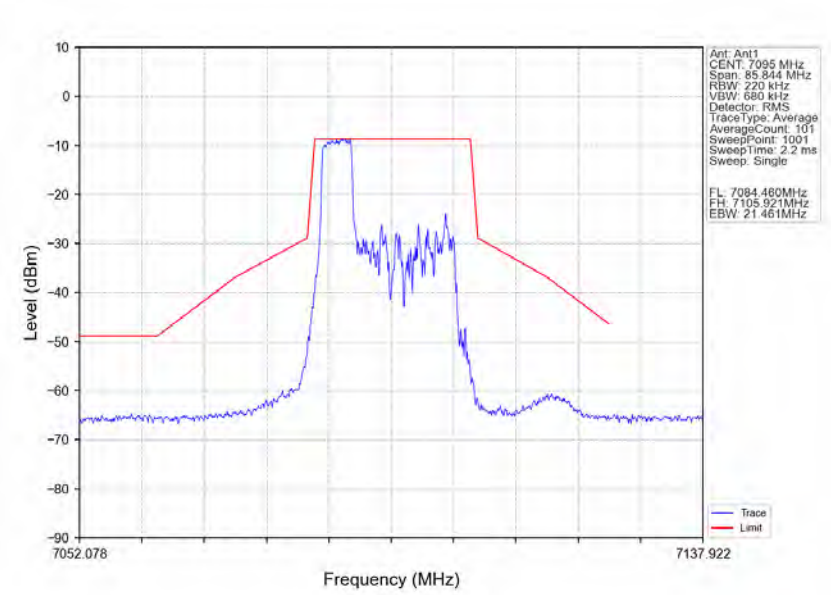
802.11ax(HE20)_HCH_7095MHz_RU26_Mid_Ant1_NTNV



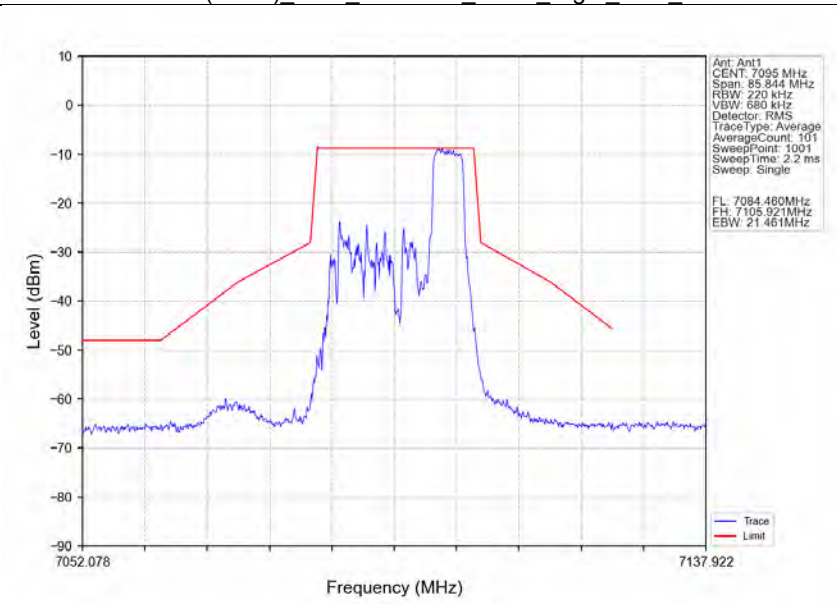
802.11ax(HE20)_HCH_7095MHz_RU26_Right_Ant1_NTNV



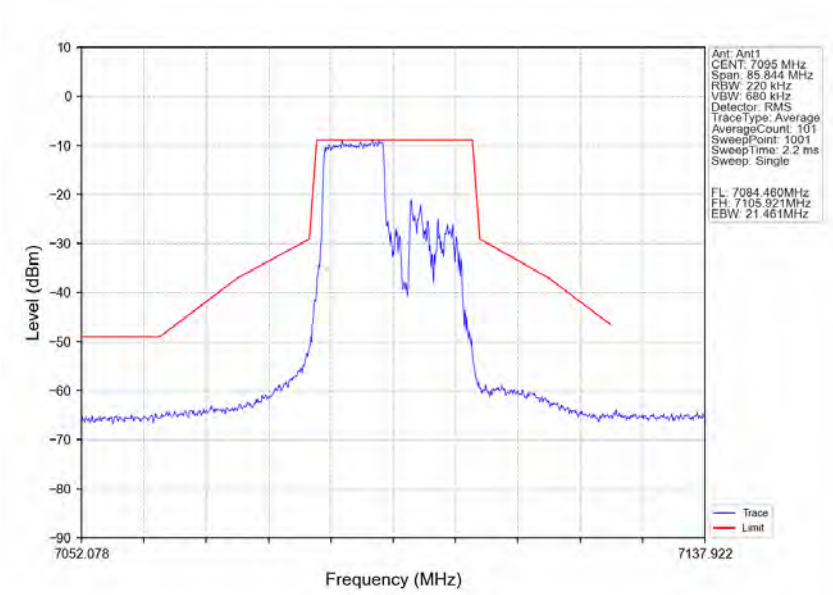
802.11ax(HE20)_HCH_7095MHz_RU52_Left_Ant1_NTNV



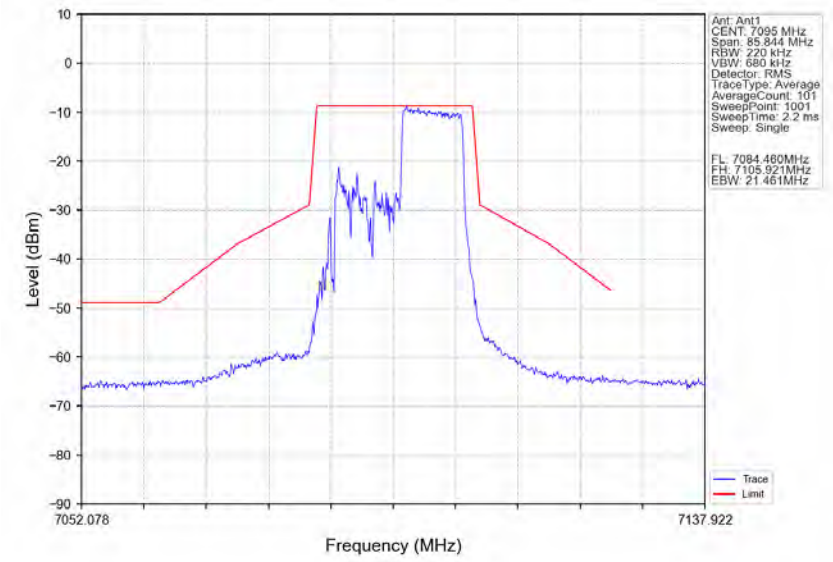
802.11ax(HE20)_HCH_7095MHz_RU52_Right_Ant1_NTNV



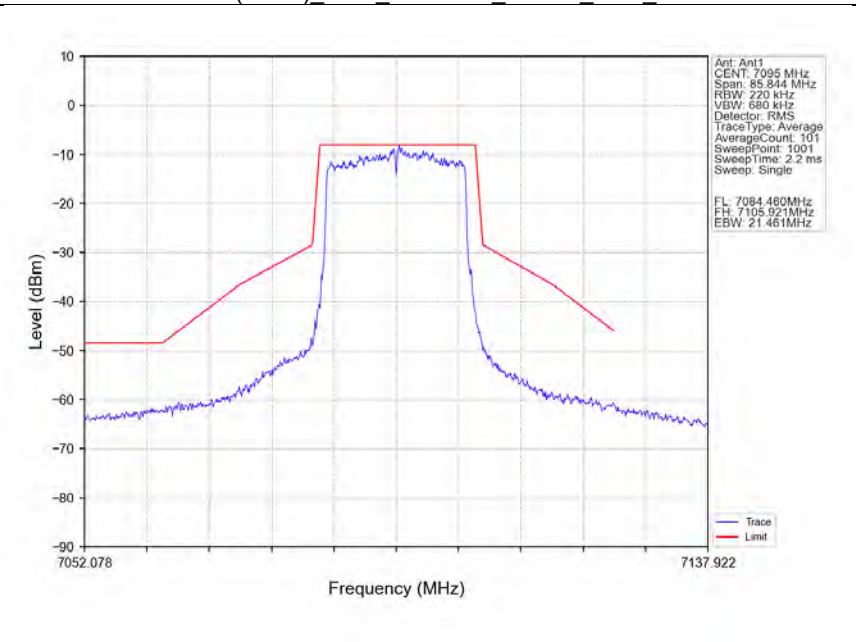
802.11ax(HE20)_HCH_7095MHz_RU106_Left_Ant1_NTNV



802.11ax(HE20)_HCH_7095MHz_RU106_Right_Ant1_NTNV

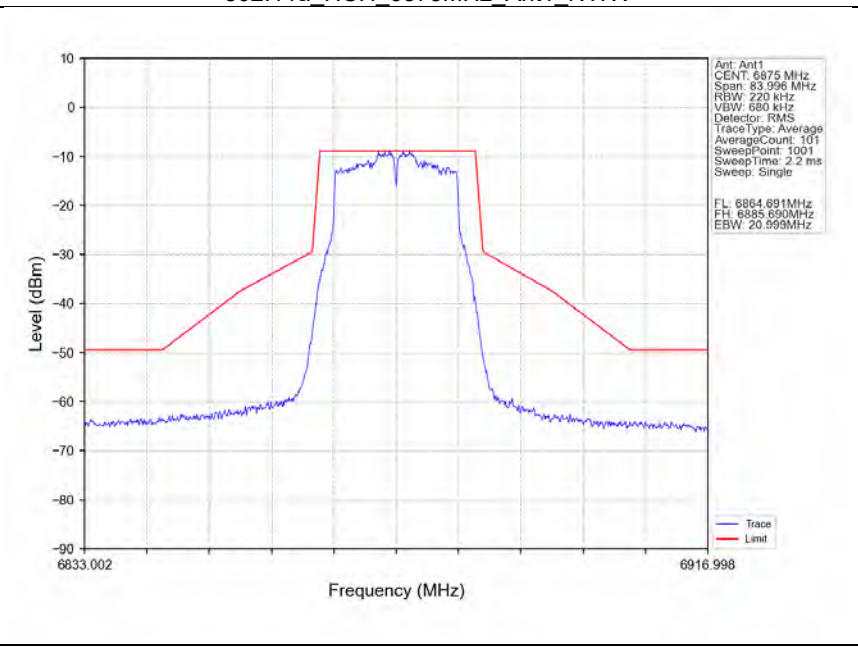


802.11ax(HE20)_HCH_7095MHz_RU242_Ant1_NTNV

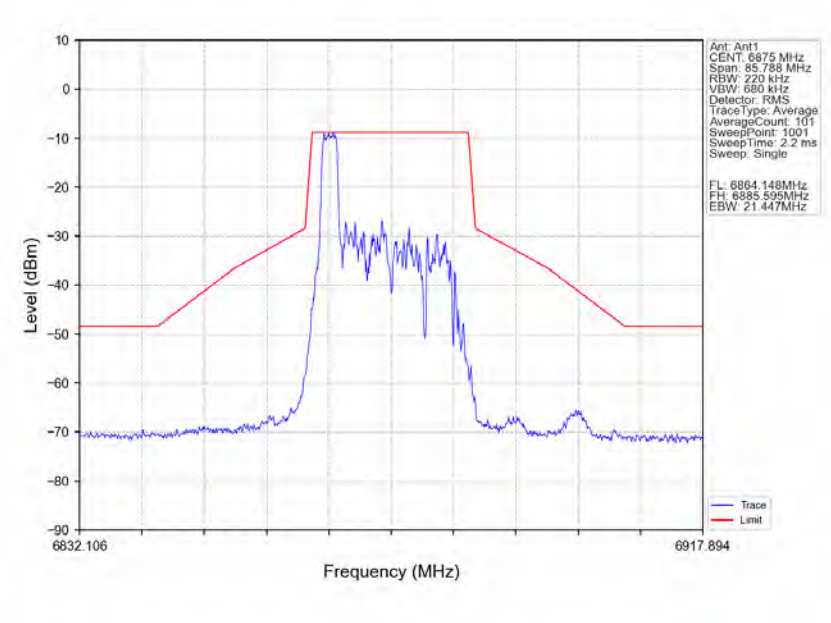


6.2.5 EMask

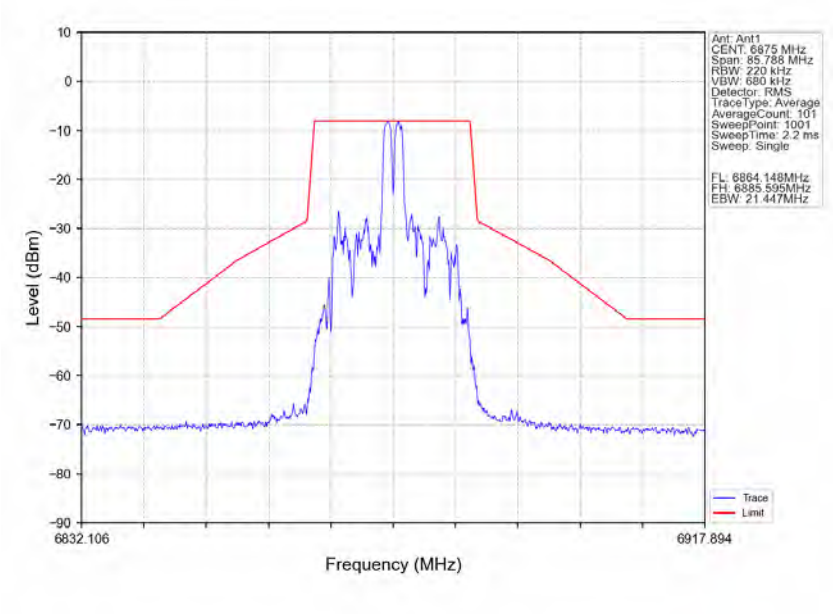
802.11a_HCH_6875MHz_Ant1_NTNV



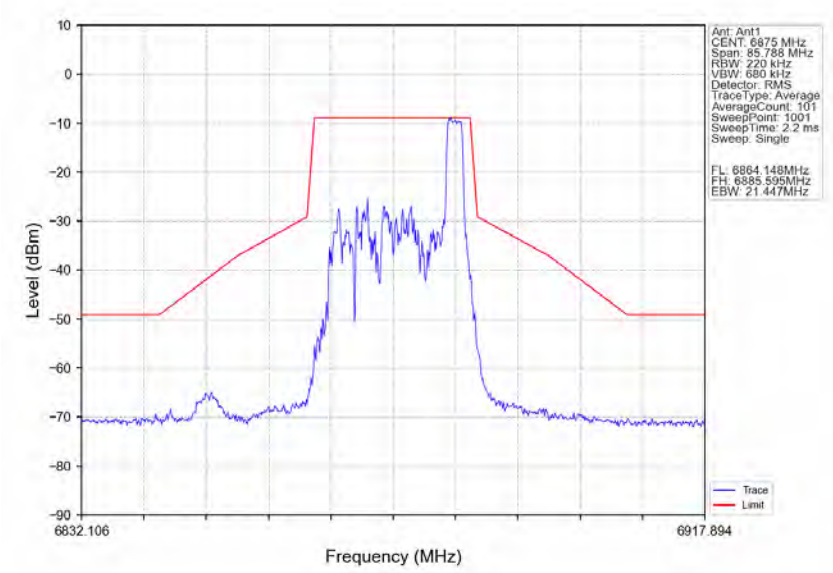
802.11ax(HE20)_HCH_6875MHz_RU26_Left_Ant1_NTNV


Ant: Ant1
CENT: 6875 MHz
Span: 85.788 MHz
RBW: 220 kHz
VBW: 680 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 1001
SweepTime: 2.2 ms
Sweep: Single
FL: 6864.148MHz
FH: 6885.595MHz
EBW: 21.447MHz
Trace
Limit
Level (dBm)
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
6832.106
6917.894
Frequency (MHz)

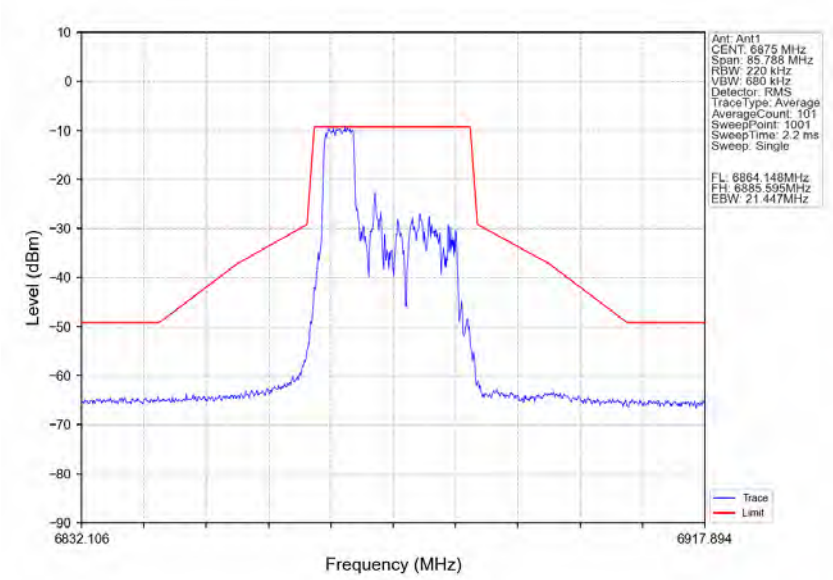
802.11ax(HE20)_HCH_6875MHz_RU26_Mid_Ant1_NTNV



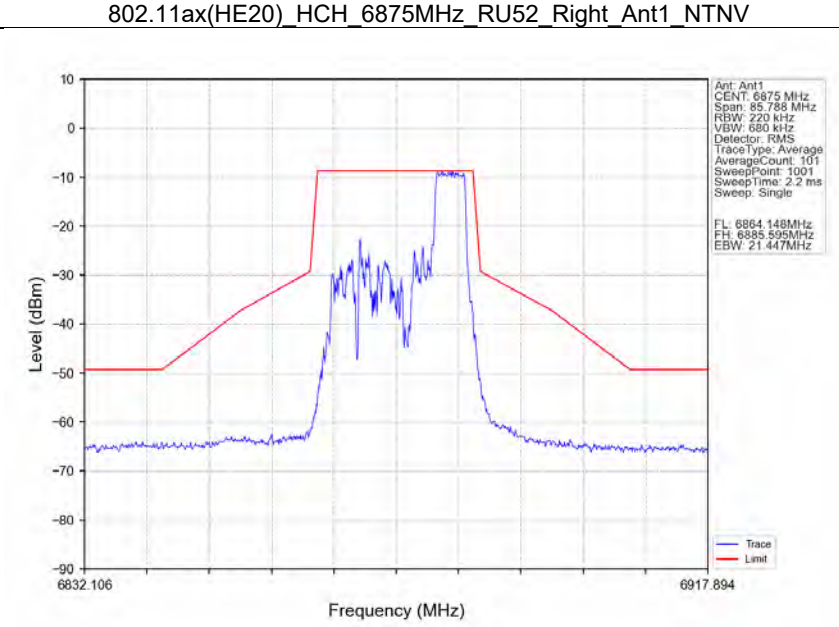
802.11ax(HE20)_HCH_6875MHz_RU26_Right_Ant1_NTNV



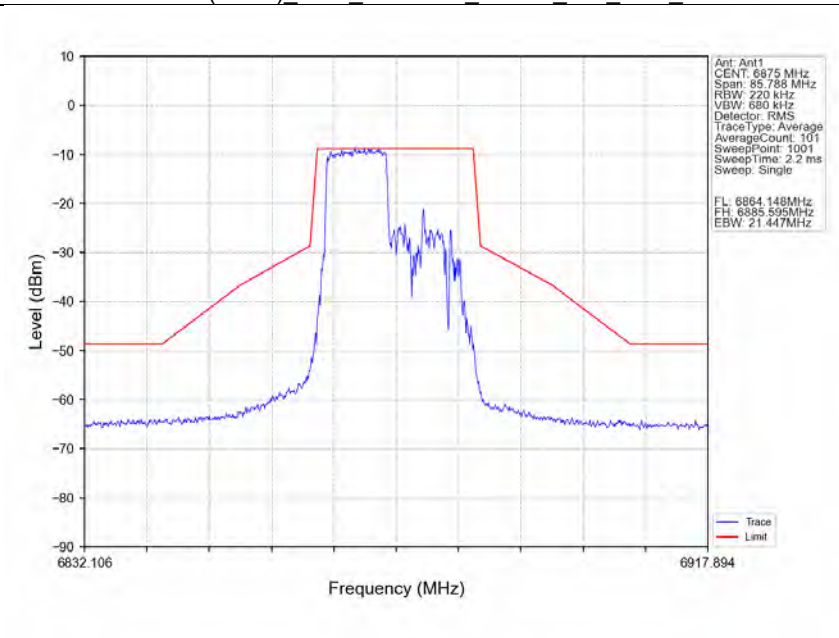
802.11ax(HE20)_HCH_6875MHz_RU52_Left_Ant1_NTNV



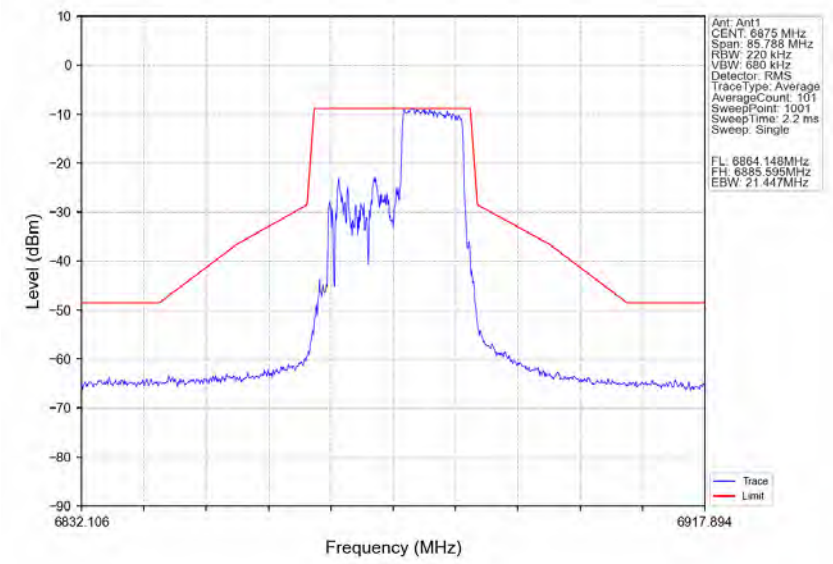
802.11ax(HE20)_HCH_6875MHz_RU52_Right_Ant1_NTNV



802.11ax(HE20)_HCH_6875MHz_RU106_Left_Ant1_NTNV



802.11ax(HE20)_HCH_6875MHz_RU106_Right_Ant1_NTNV



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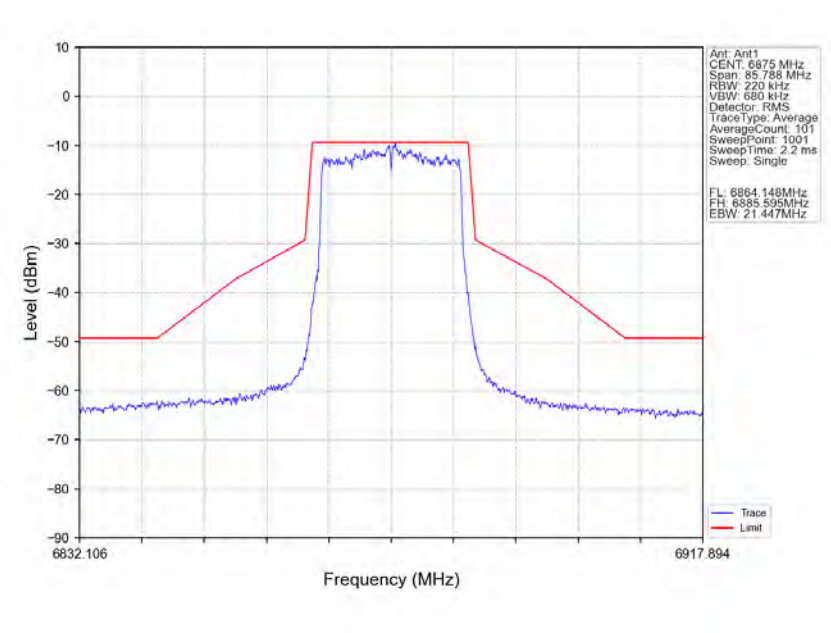
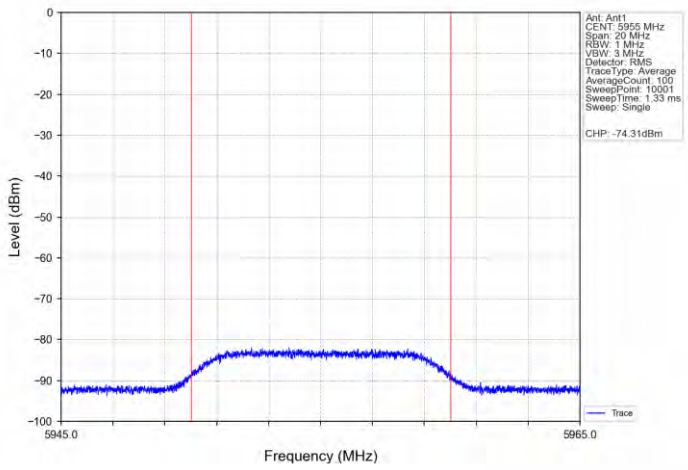
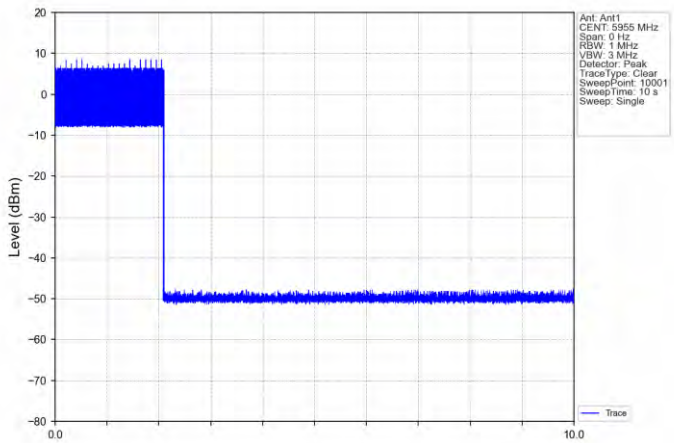


7. Contention Based Protocol

7.1 Test Result

Test Mode	Antenna	Center Frequency [MHz]	Interference Frequency [MHz]	Status	AWGN Power [dBm]	Gain [dB]	Adjusted Power [dBm]	Limit [dBm]	Detection Rate		Verdict
									Result [%]	Limit [%]	
11AX20SISO	Ant1	5955	5955	OFF	-74.31	2.1	-76.41	-62	90	90	Pass
11AX20SISO	Ant1	5955	5955	Minimal	-75.16	2.1	-77.26	-62	-	-	-
11AX20SISO	Ant1	5955	5955	ON	-79.26	2.1	-81.36	-	-	-	-
11AX20SISO	Ant1	6435	6435	OFF	-76.92	2.1	-79.02	-62	100	90	Pass
11AX20SISO	Ant1	6435	6435	Minimal	-77.64	2.1	-79.74	-62	-	-	-
11AX20SISO	Ant1	6435	6435	ON	-79.81	2.1	-81.91	-	-	-	-
11AX20SISO	Ant1	6535	6535	OFF	-77.07	2.1	-79.17	-62	100	90	Pass
11AX20SISO	Ant1	6535	6535	Minimal	-77.81	2.1	-79.91	-62	-	-	-
11AX20SISO	Ant1	6535	6535	ON	-80.03	2.1	-82.13	-	-	-	-
11AX20SISO	Ant1	6895	6895	OFF	-78.47	2.1	-80.57	-62	90	90	Pass
11AX20SISO	Ant1	6895	6895	Minimal	-79.11	2.1	-81.21	-62	-	-	-
11AX20SISO	Ant1	6895	6895	ON	-82.16	2.1	-84.26	-	-	-	-

7.2 Test Graph

11AX20SISO-Ant 1-5955-Center-5955-OFF	11AX20SISO-Ant 1-5955-Center-5955-OFF
	
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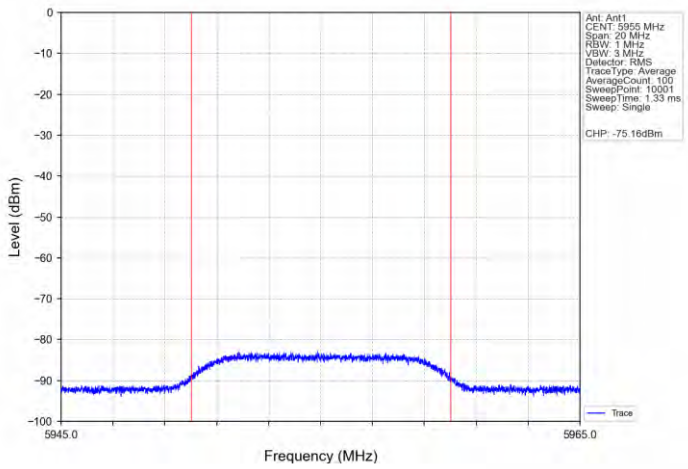	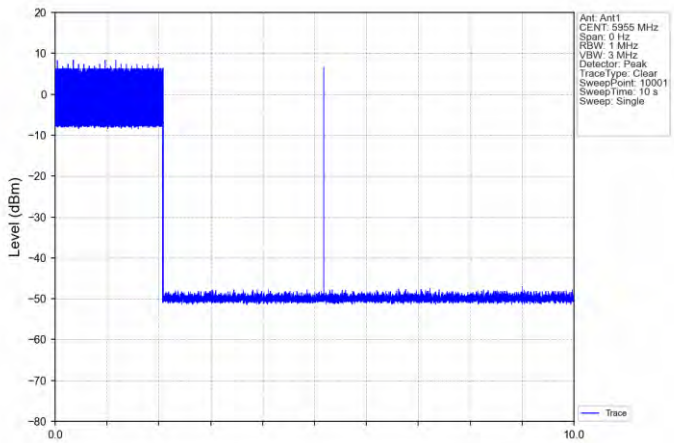

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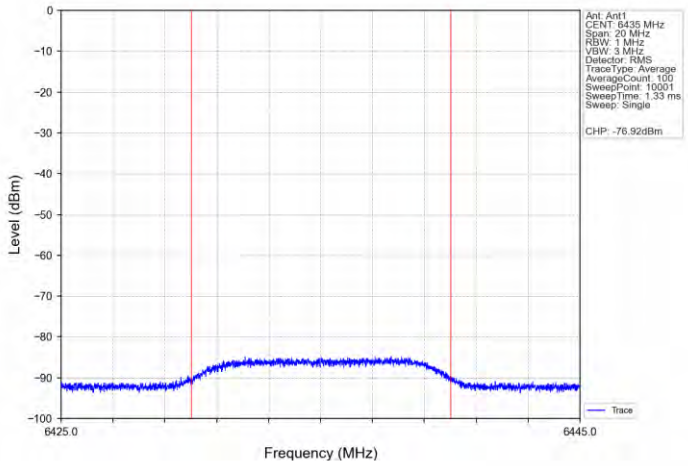	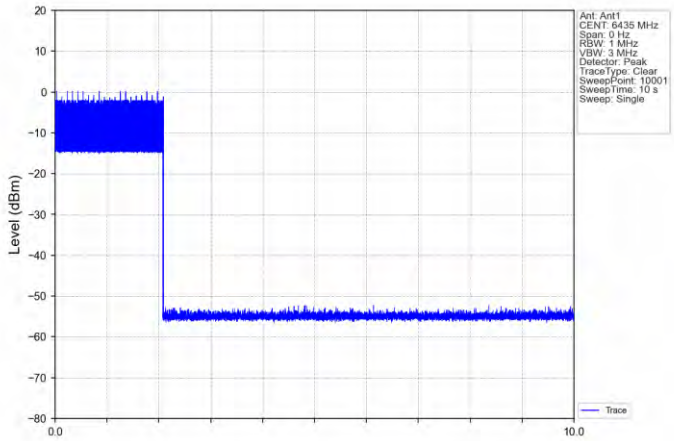
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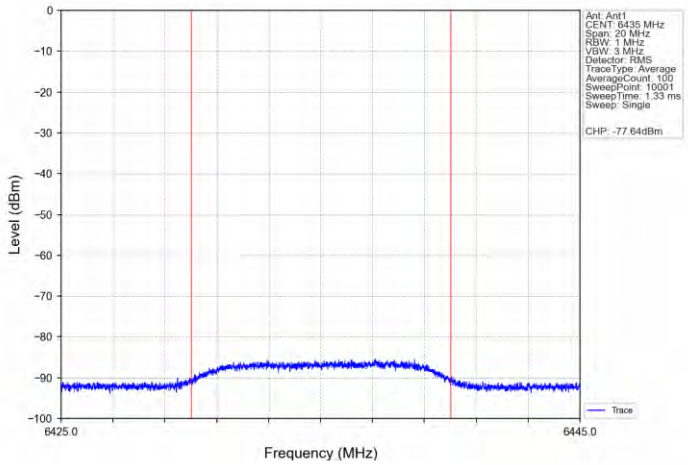	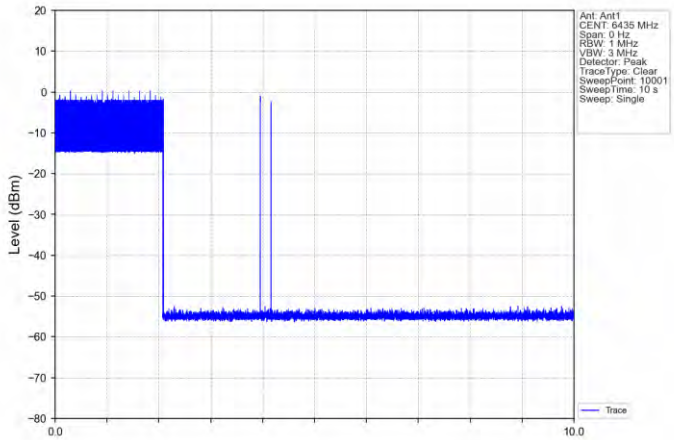

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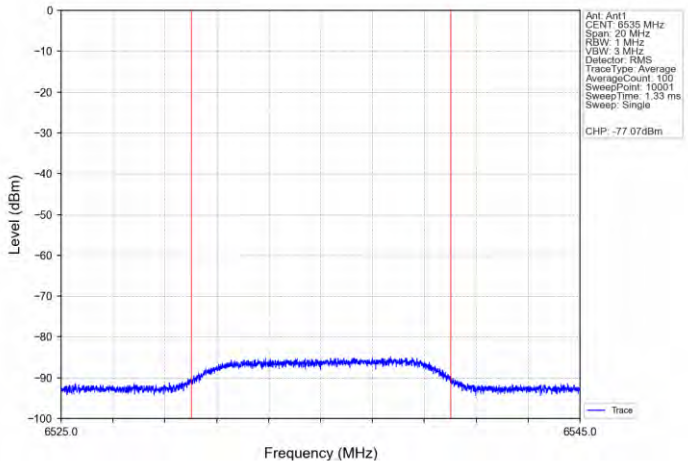	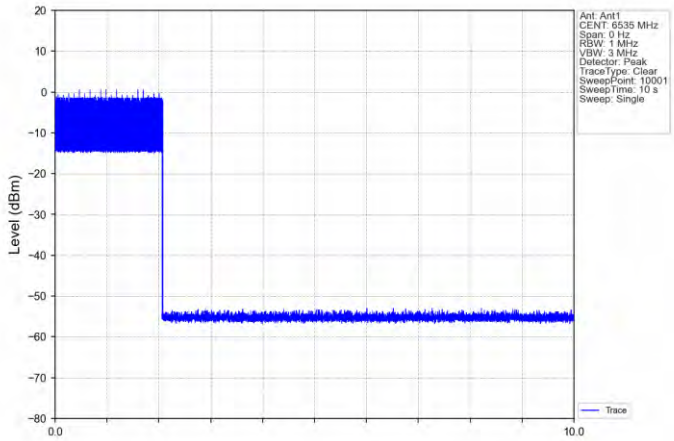
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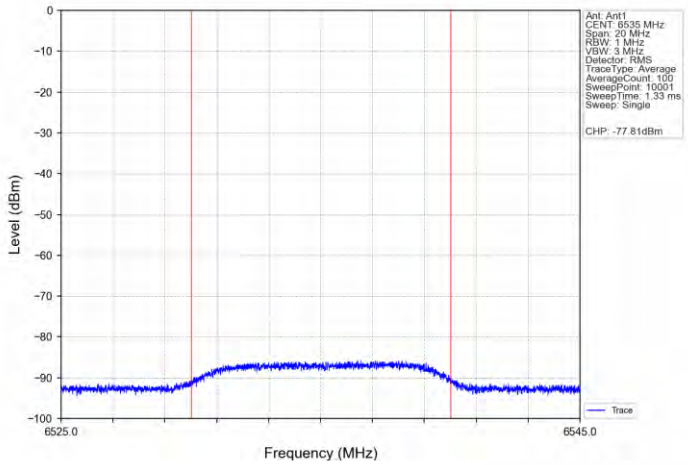	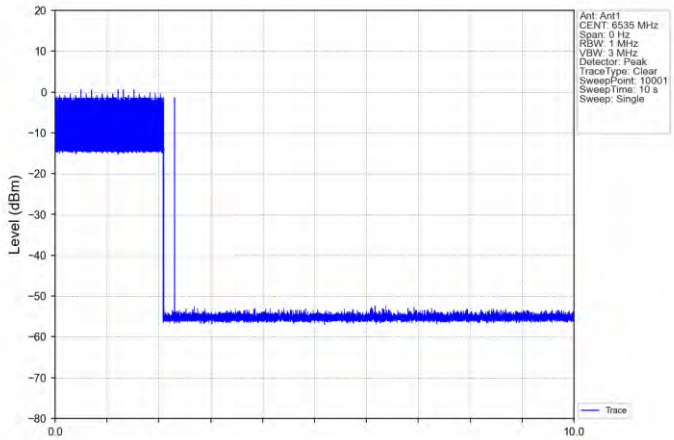

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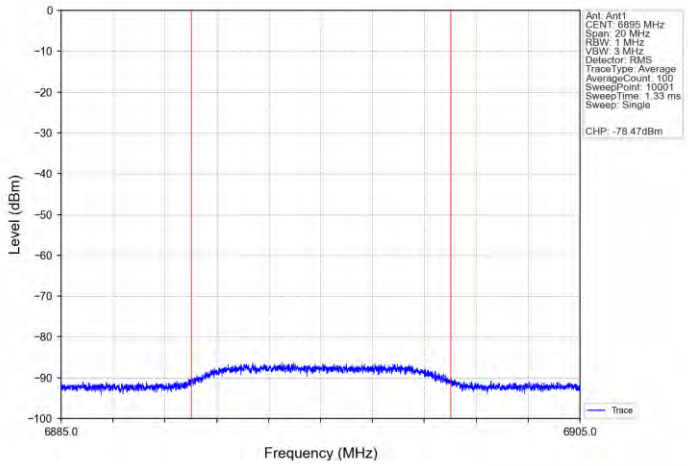	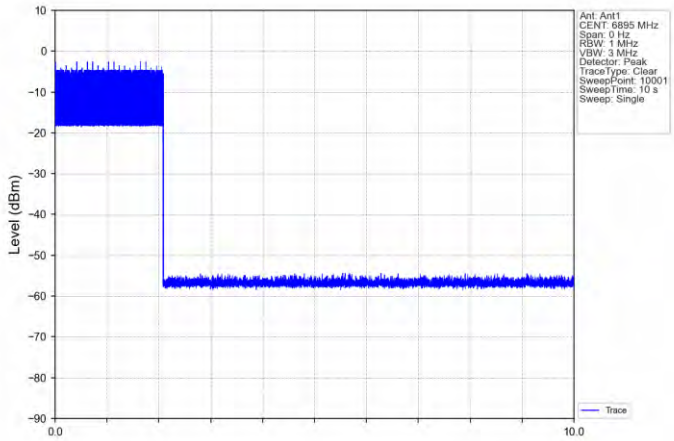
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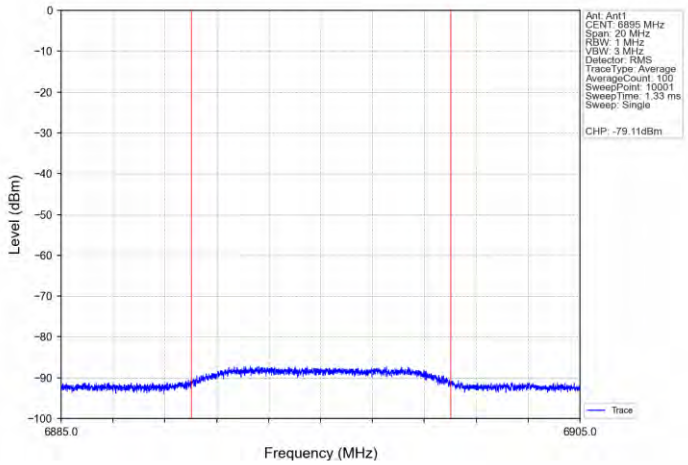	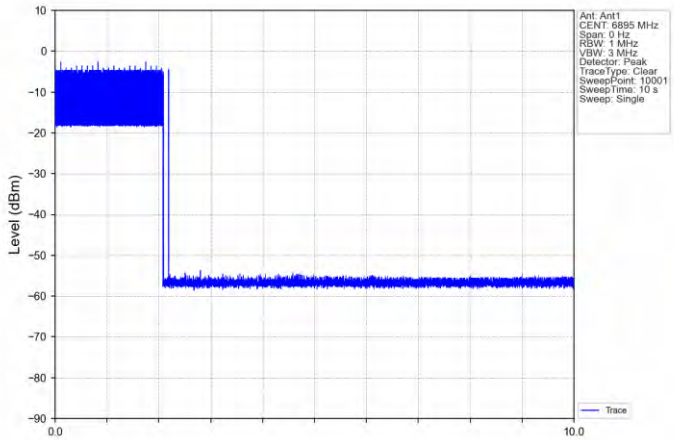

- End of the Report -