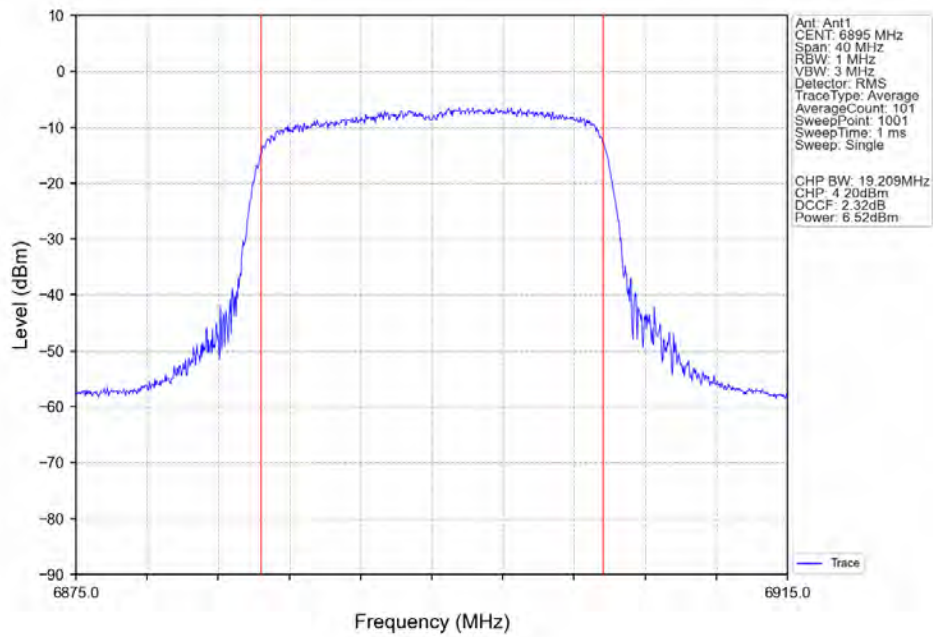
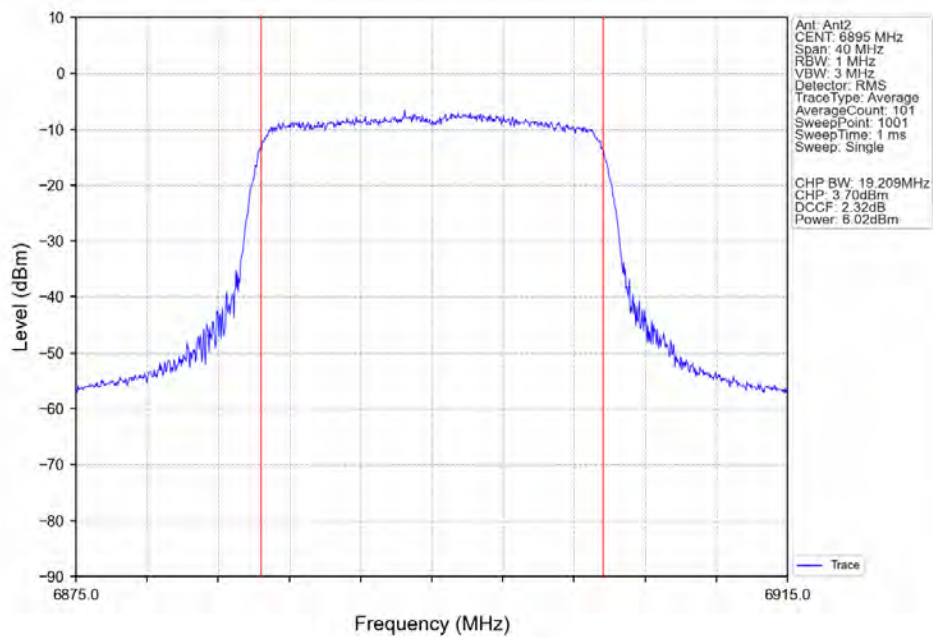


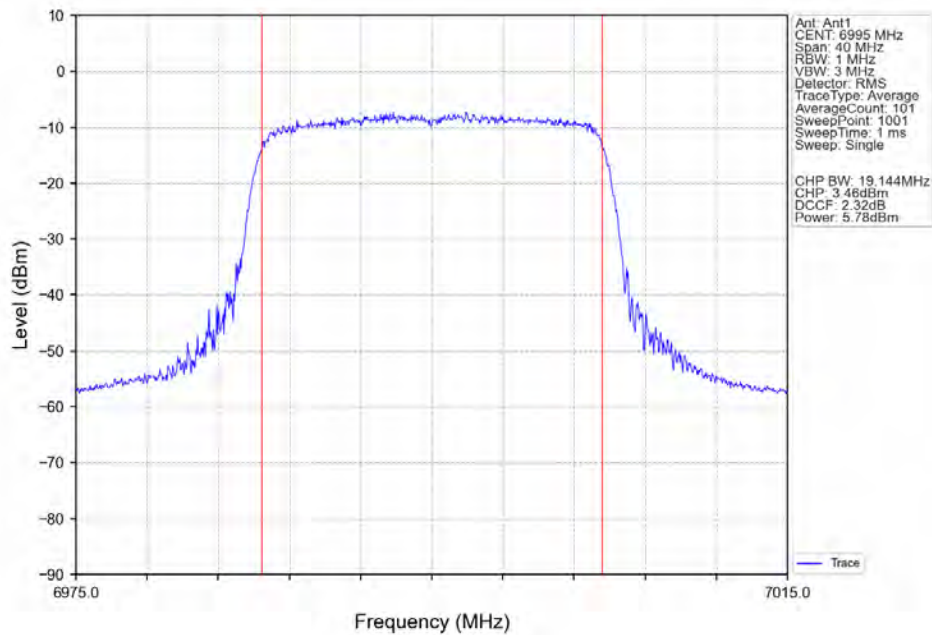
802.11ax(HEW20) LCH 6895MHz SU / Ant1 NTN



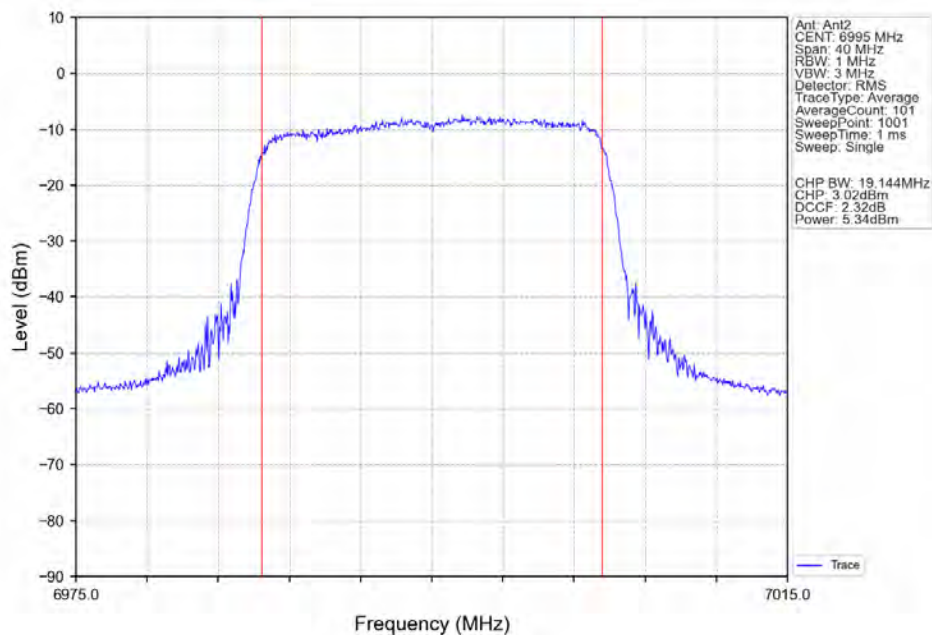
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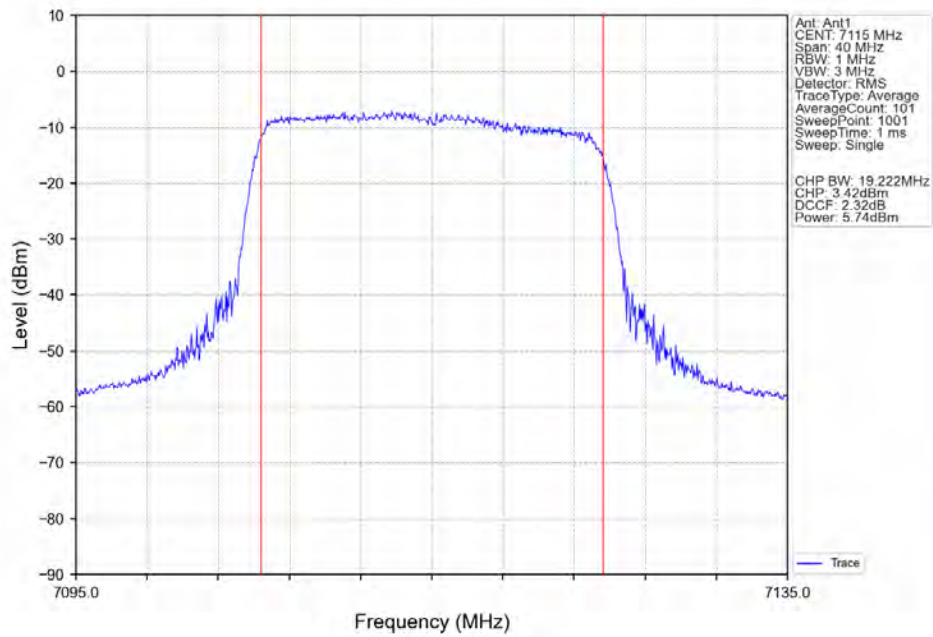
802.11ax(HEW20) MCH 6995MHz SU / Ant1 NTN



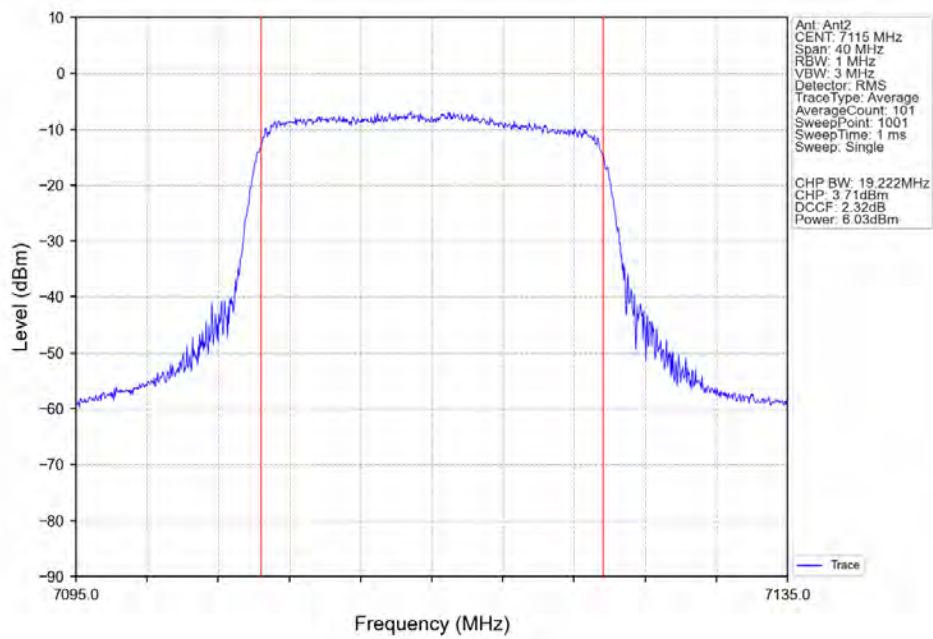
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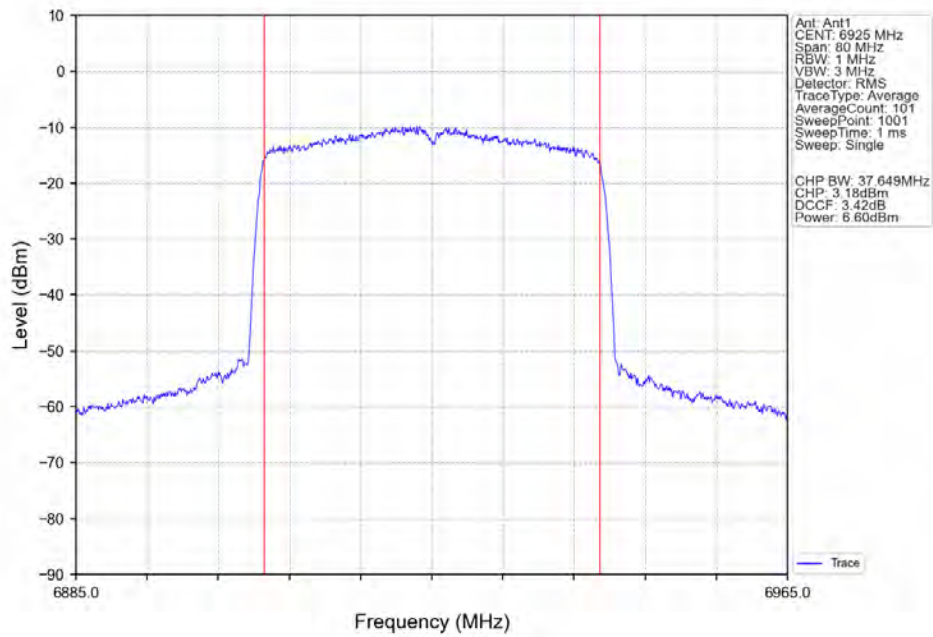
802.11ax(HEW20) HCH 7115MHz SU / Ant1 NTN



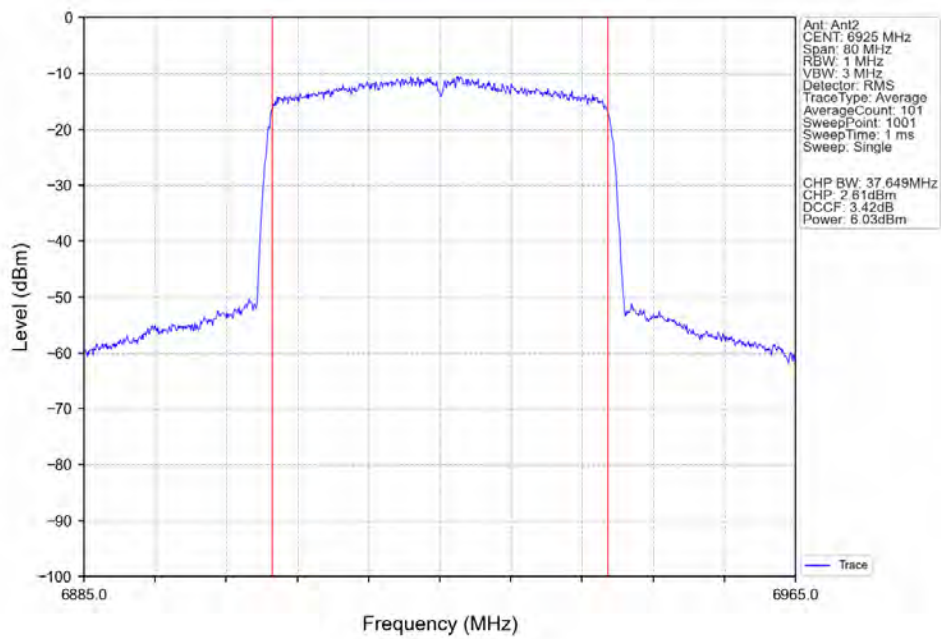
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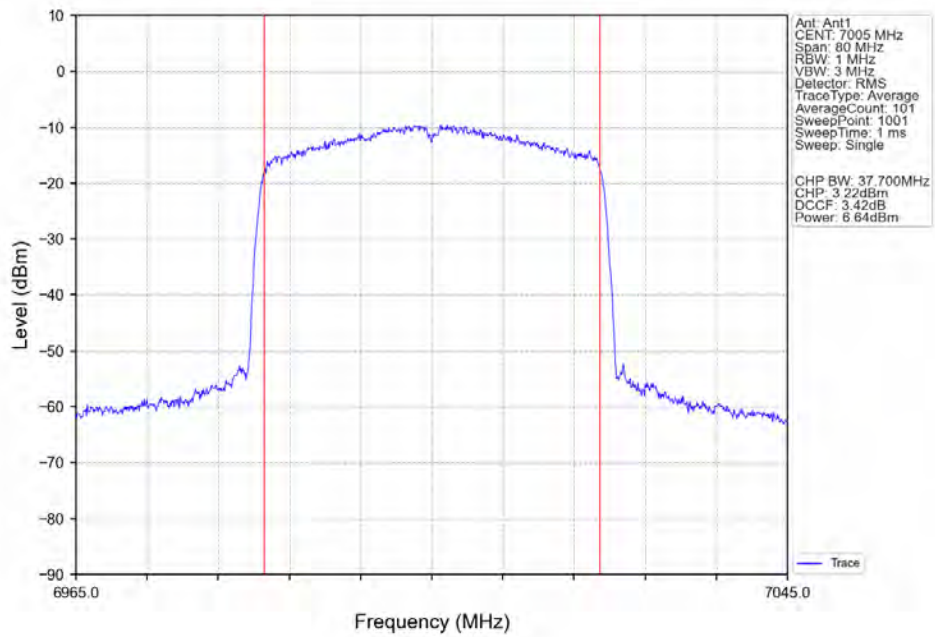
802.11ax(HEW40) LCH 6925MHz SU / Ant1 NTN



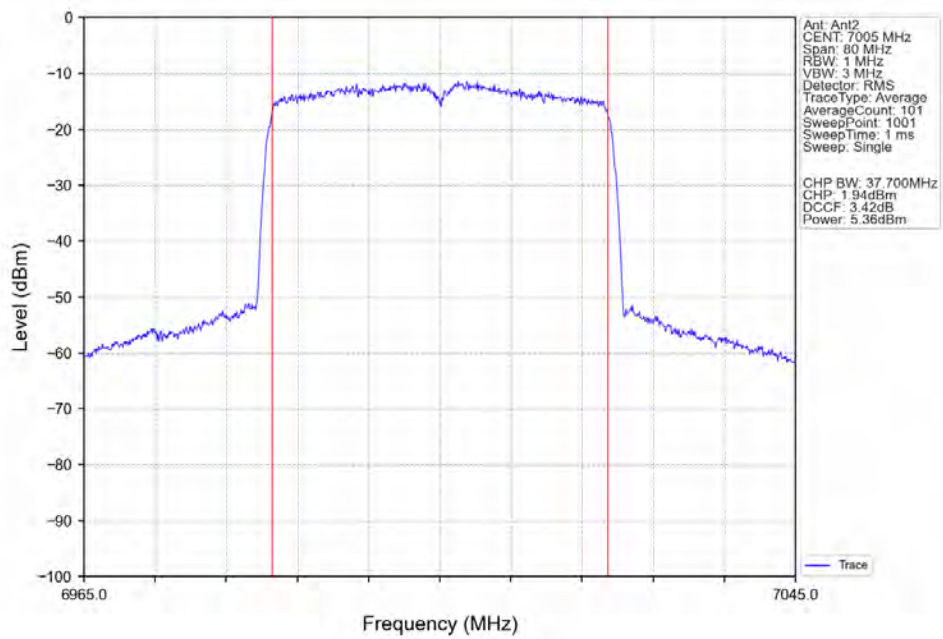
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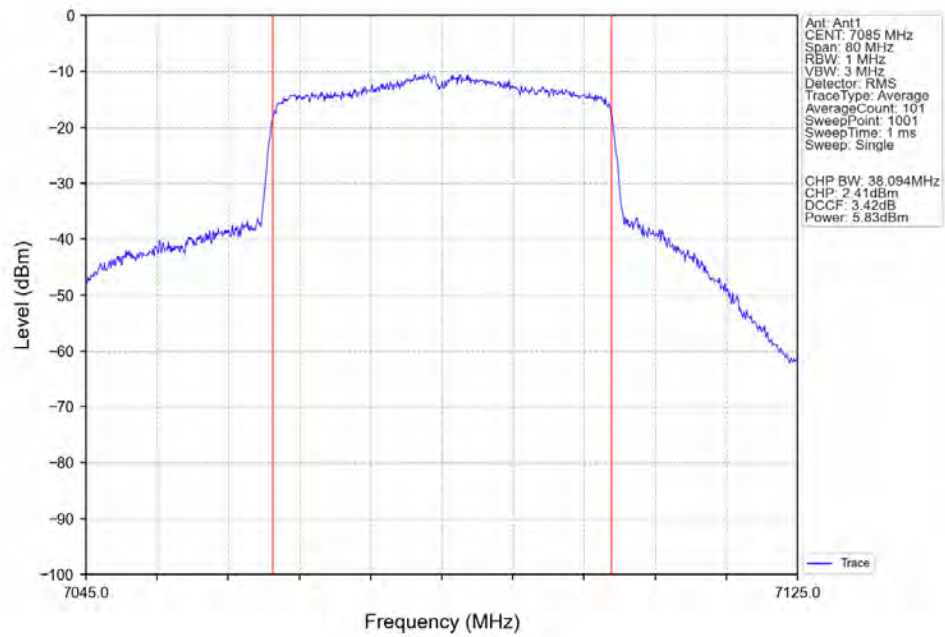
802.11ax(HEW40) MCH 7005MHz SU / Ant1 NTN



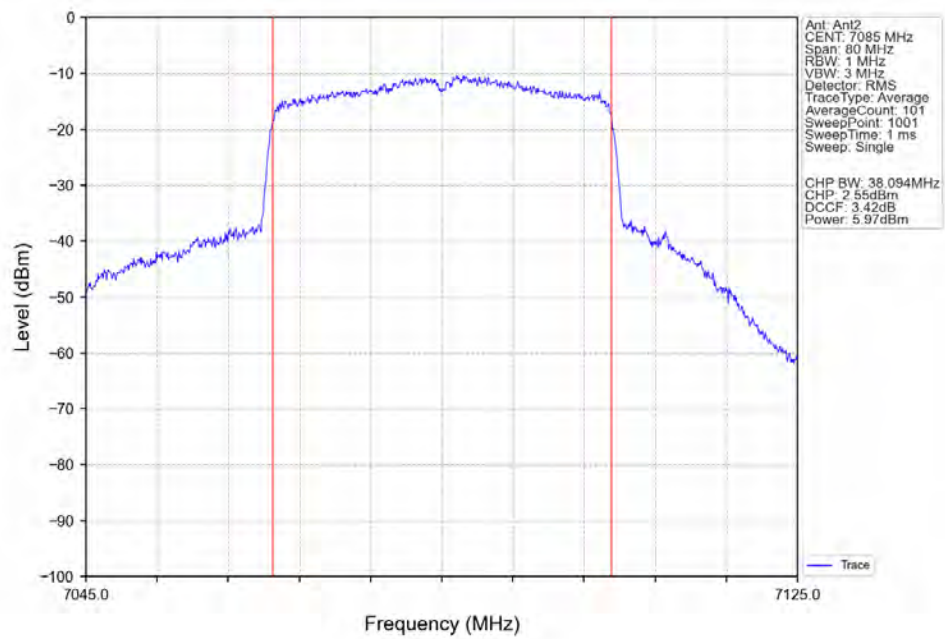
802.11ax(HEW40) MCH 7005MHz SU / Ant2 NTN



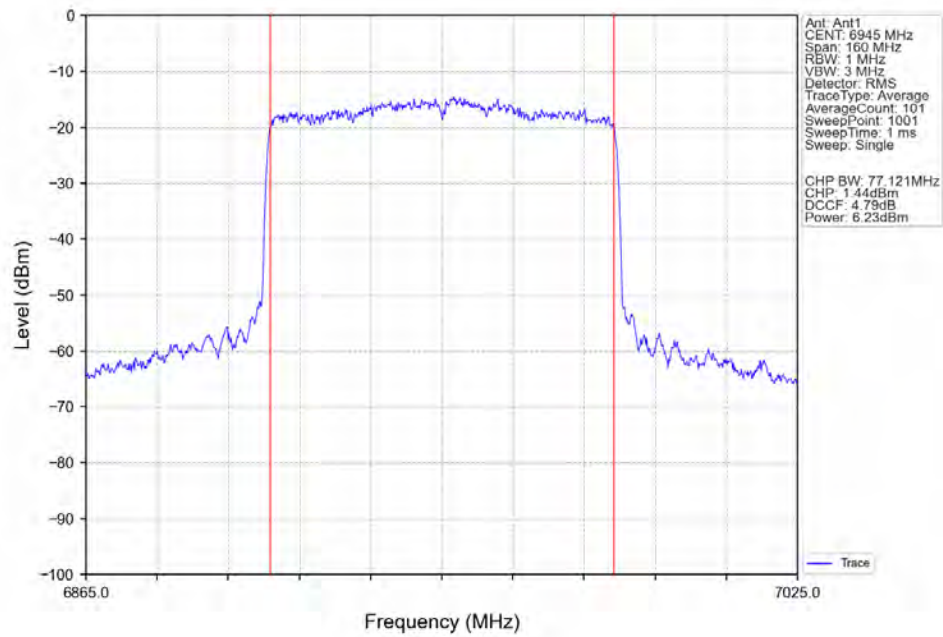
802.11ax(HEW40) HCH 7085MHz SU / Ant1 NTN



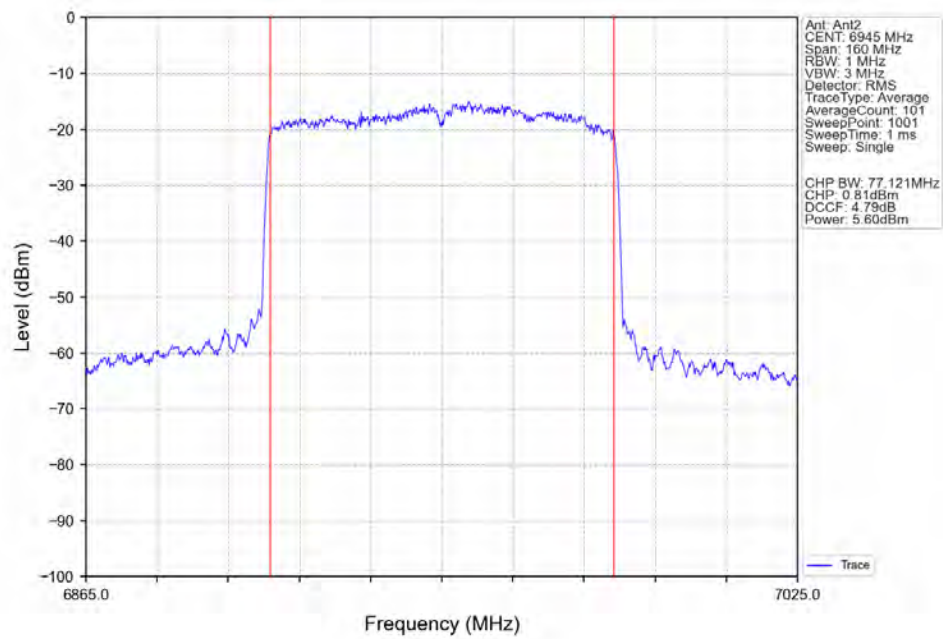
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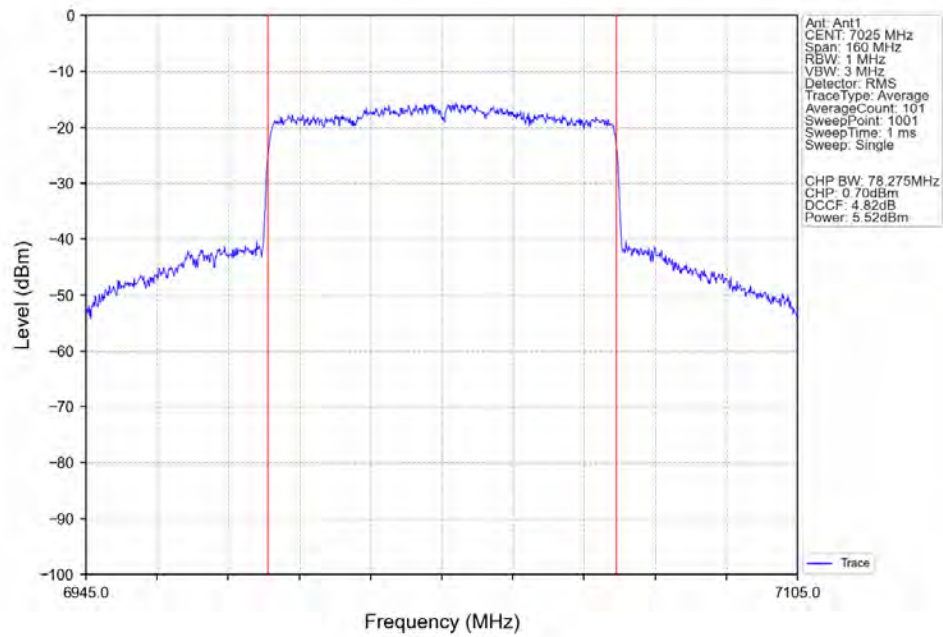
802.11ax(HEW80) LCH 6945MHz SU / Ant1 NTN



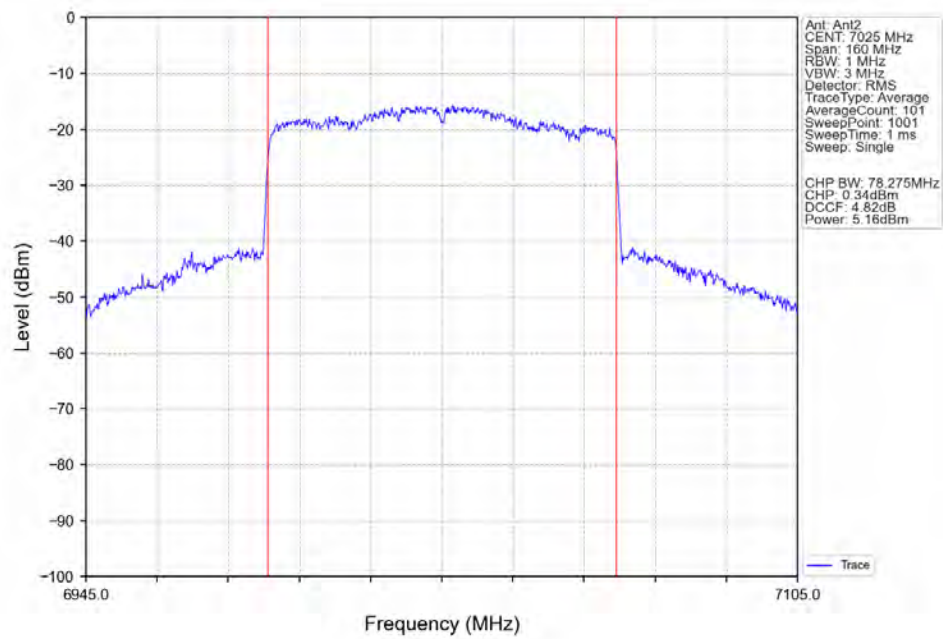
802.11ax(HEW80) LCH 6945MHz SU / Ant2 NTN



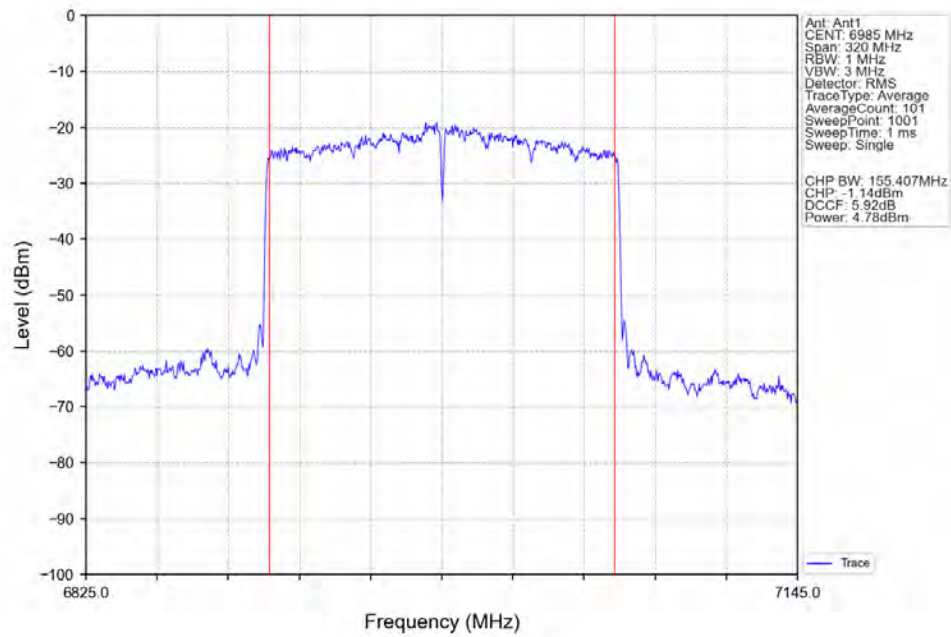
802.11ax(HEW80) HCH 7025MHz SU / Ant1 NTN



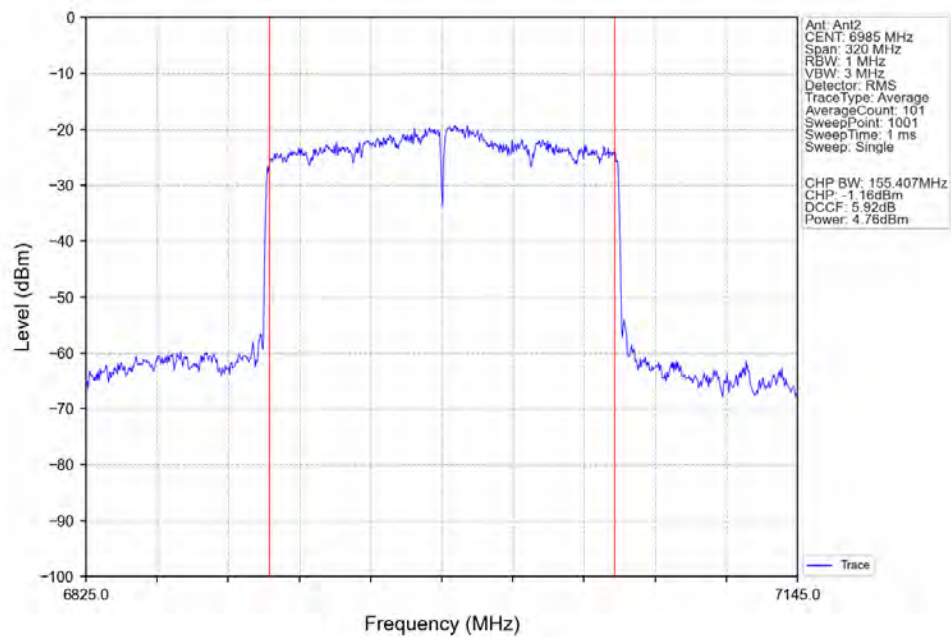
802.11ax(HEW80) HCH 7025MHz SU / Ant2 NTN



802.11ax(HEW160) MCH 6985MHz SU / Ant1 NTN

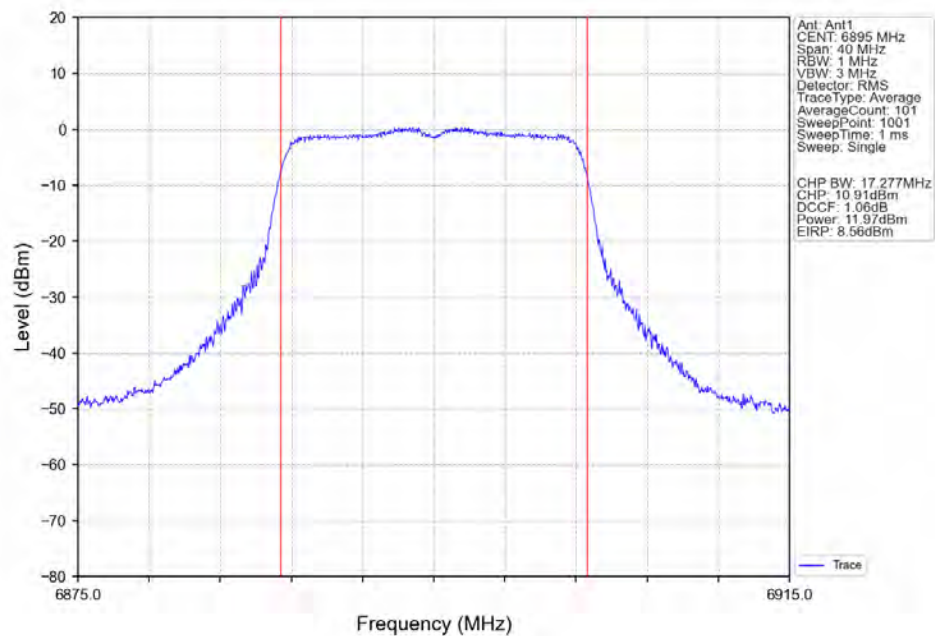


802.11ax(HEW160) MCH 6985MHz SU / Ant2 NTN

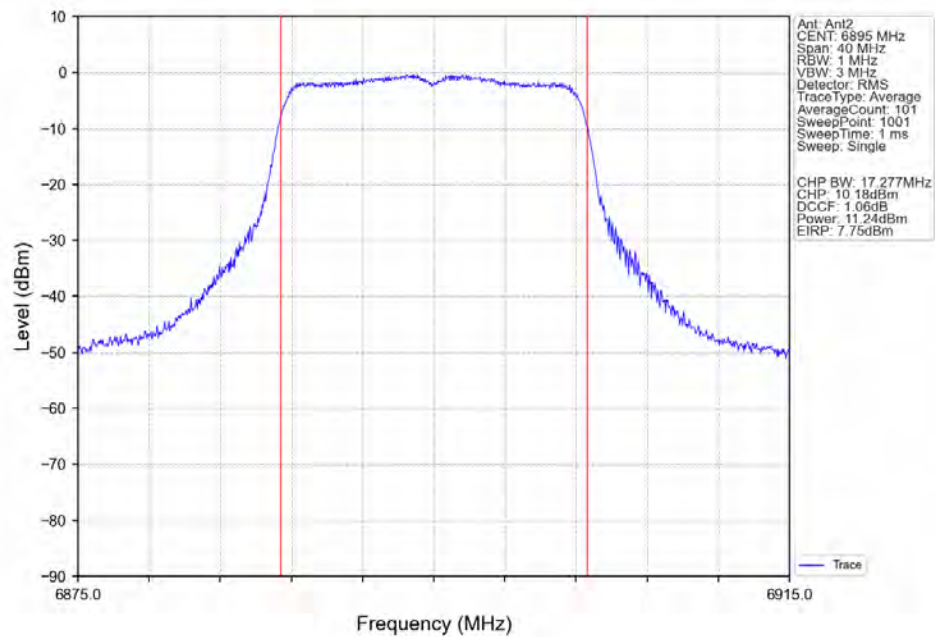


3.2.8 EIRP

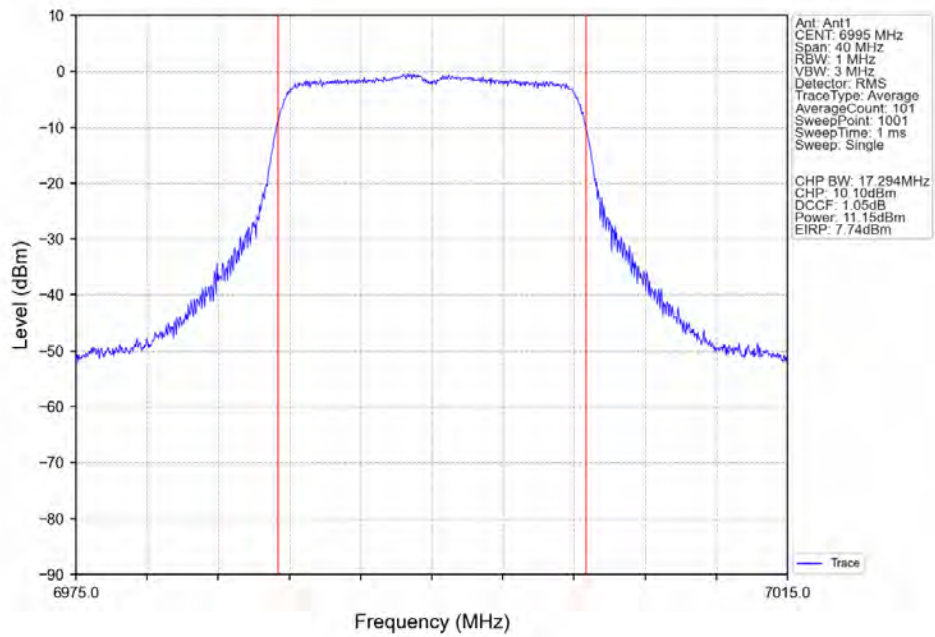
802.11a LCH 6895MHz Ant1 NTN



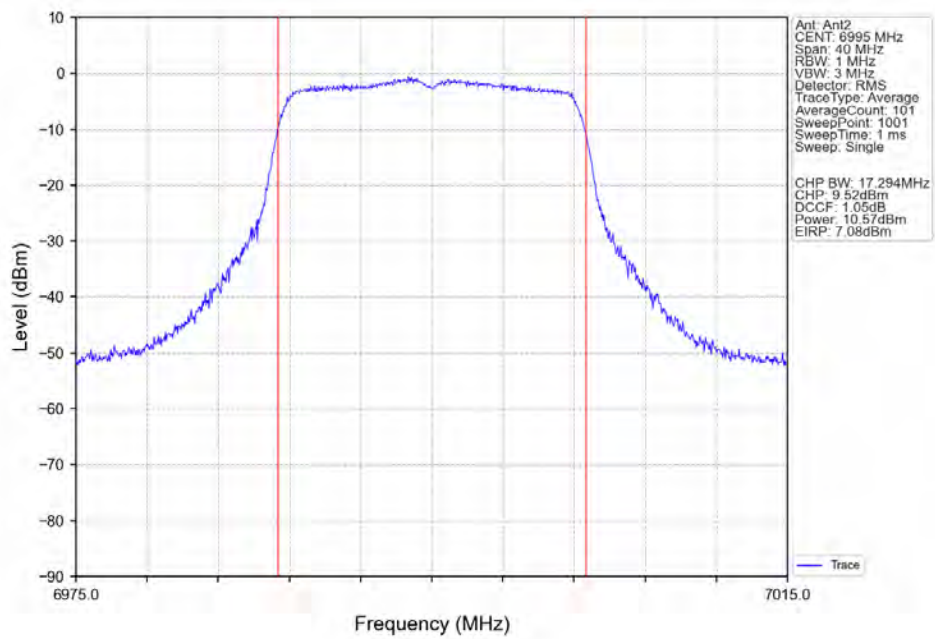
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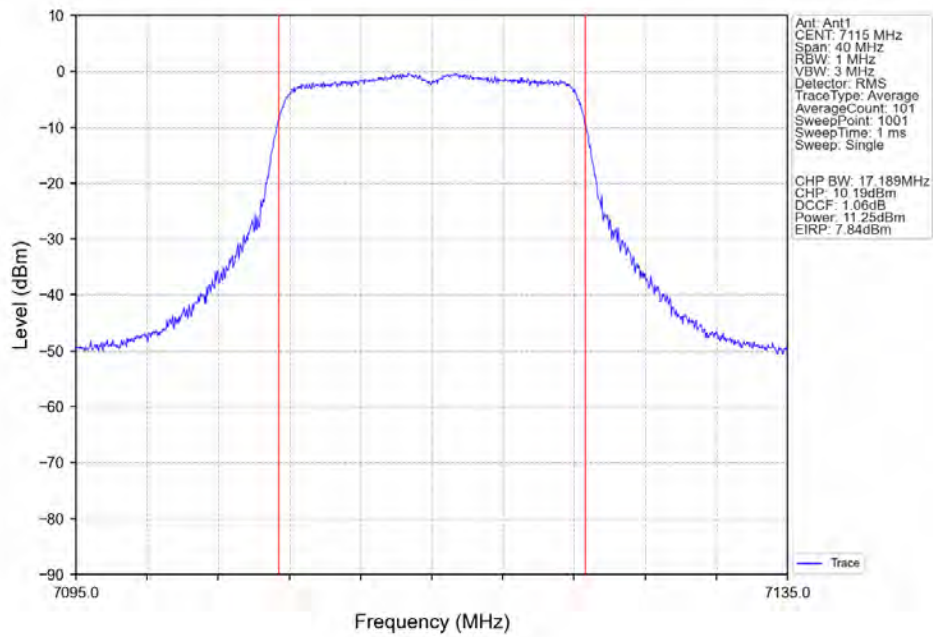
802.11a MCH 6995MHz Ant1 NTNV



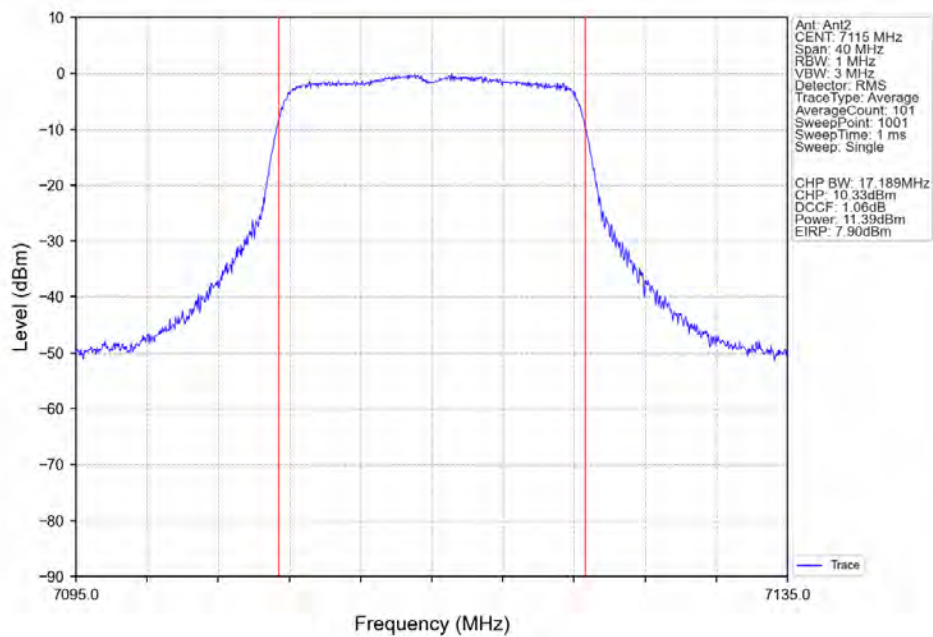
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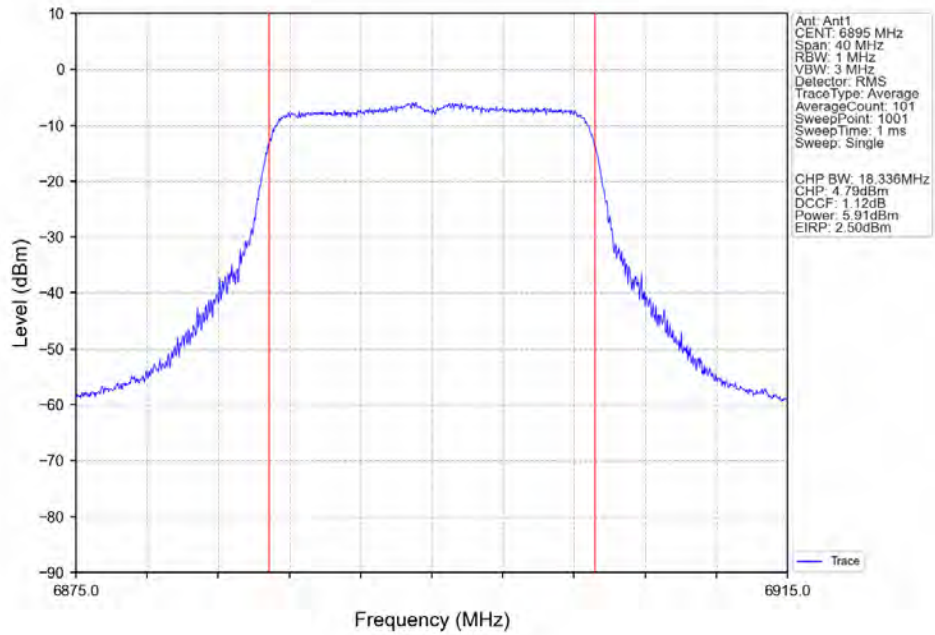
802.11a HCH 7115MHz Ant1 NTNV



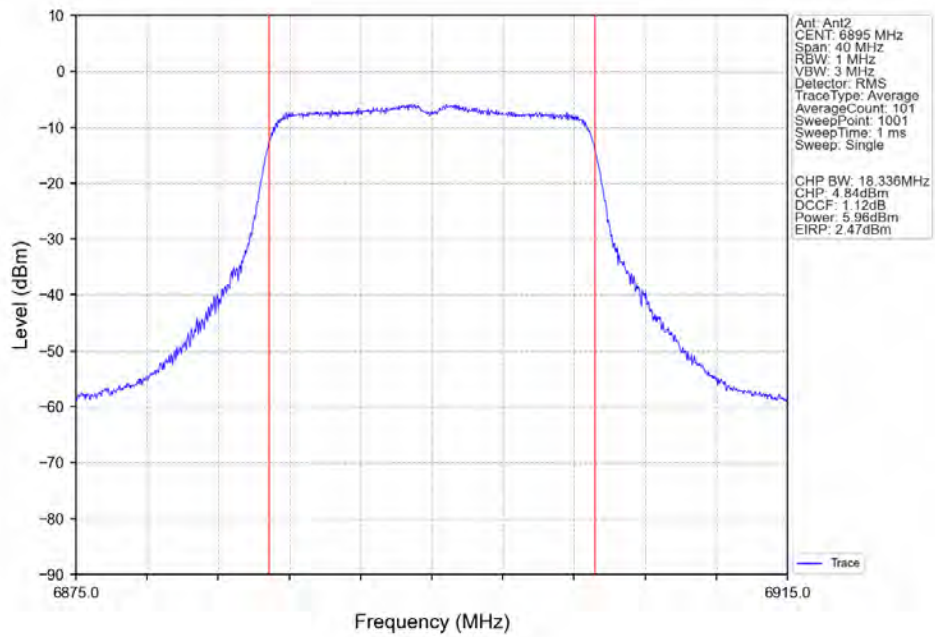
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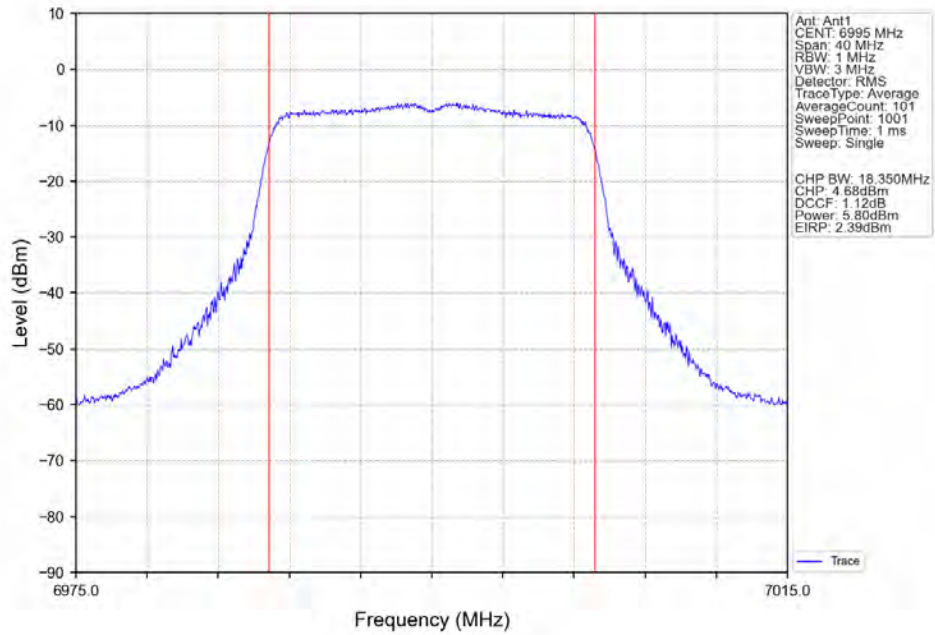
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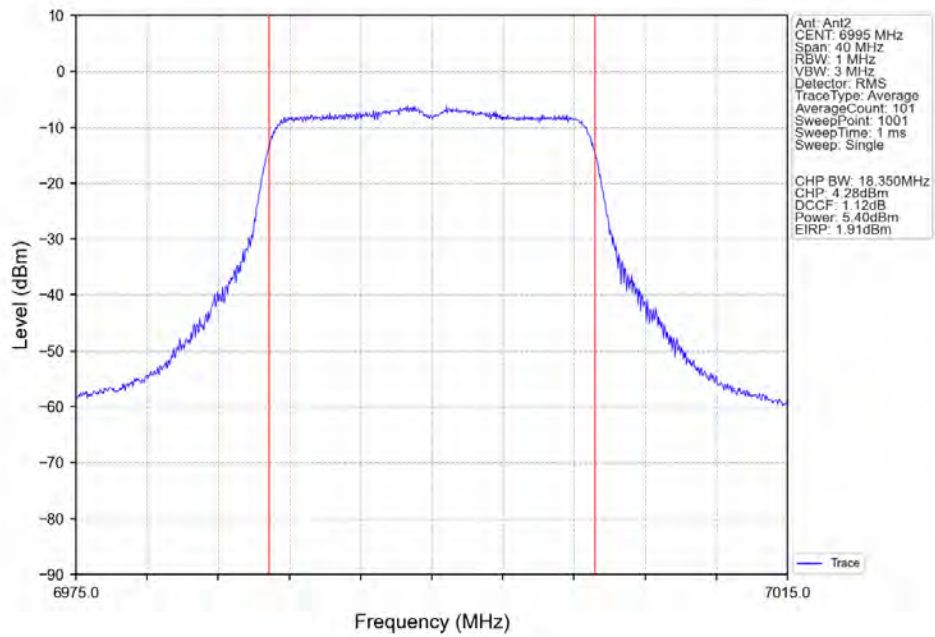
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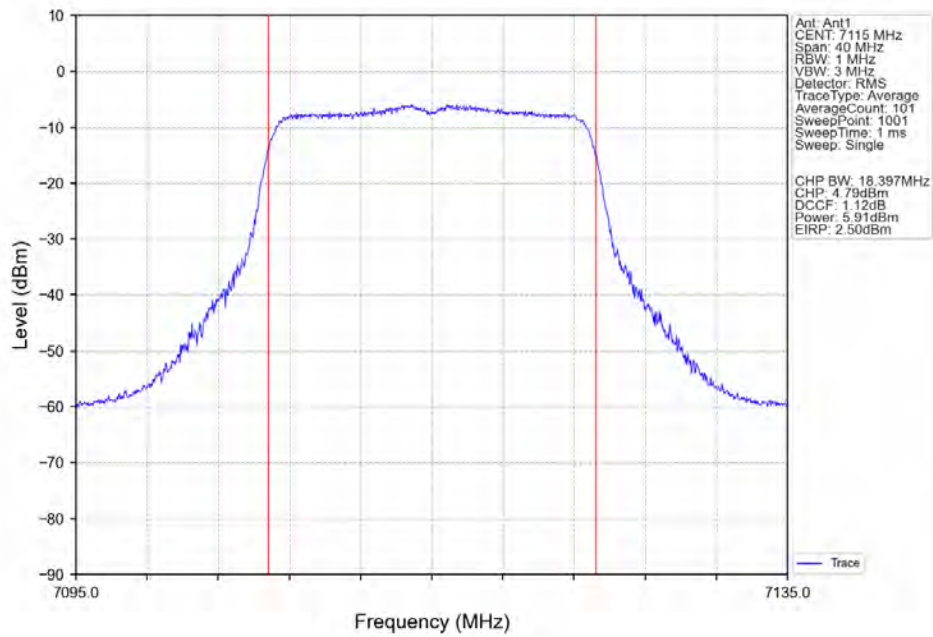
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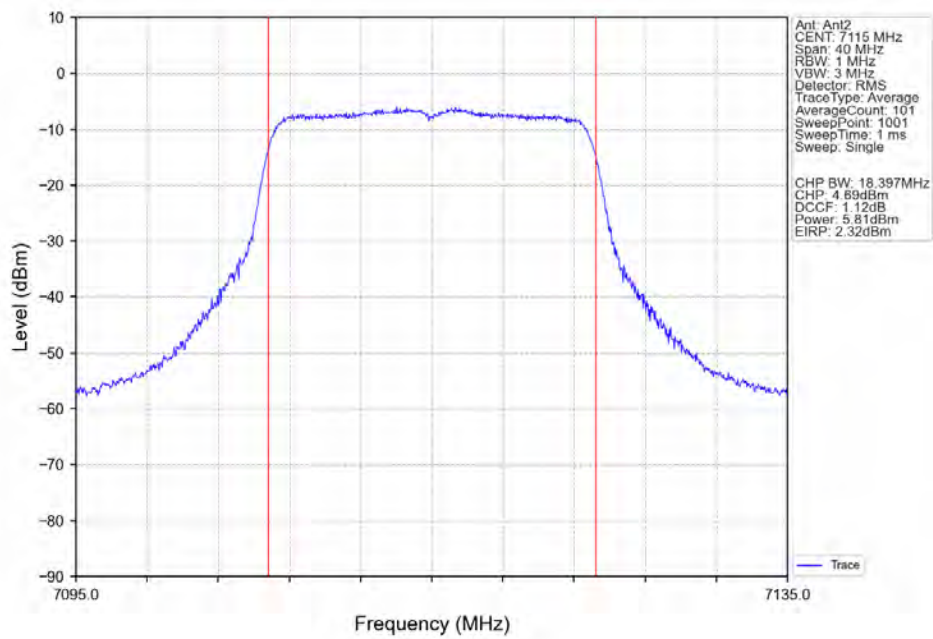
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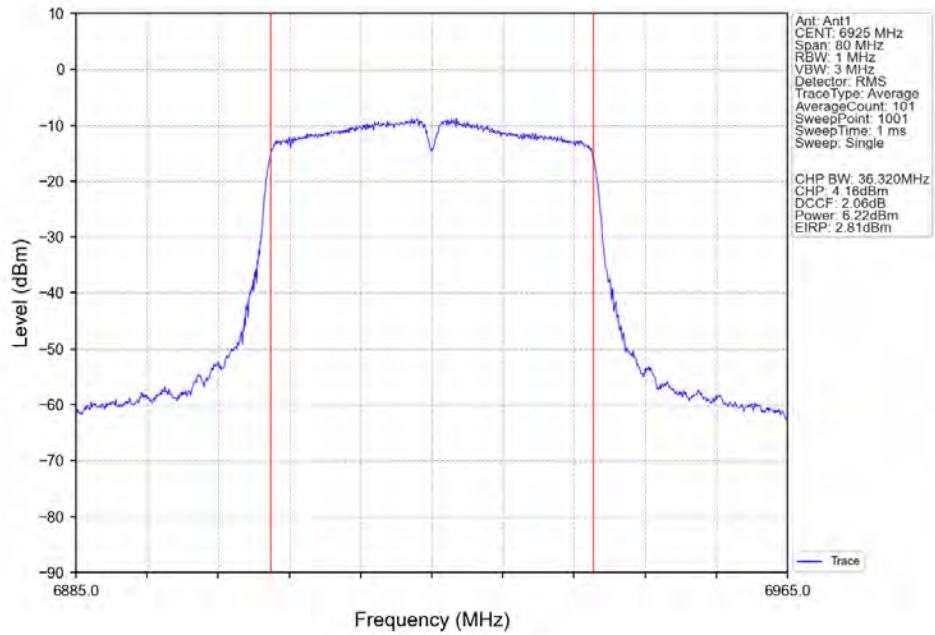
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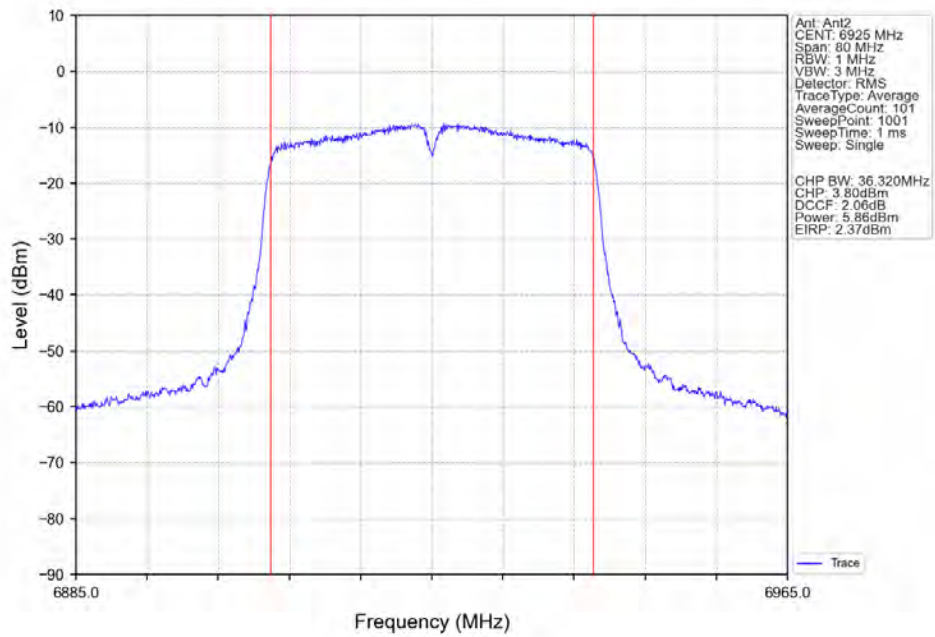
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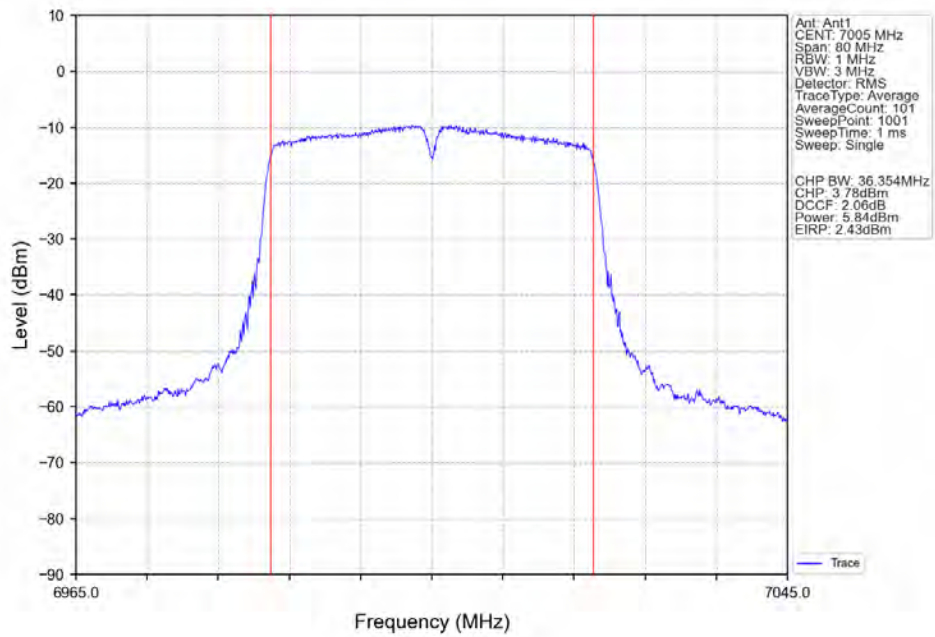
802.11n(HT40) LCH 6925MHz Ant1 NTN



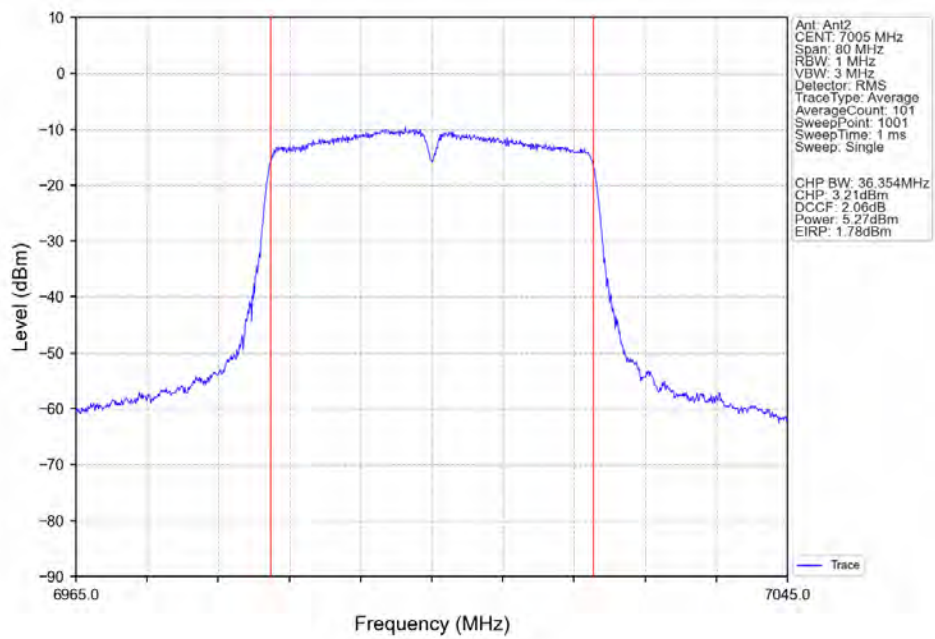
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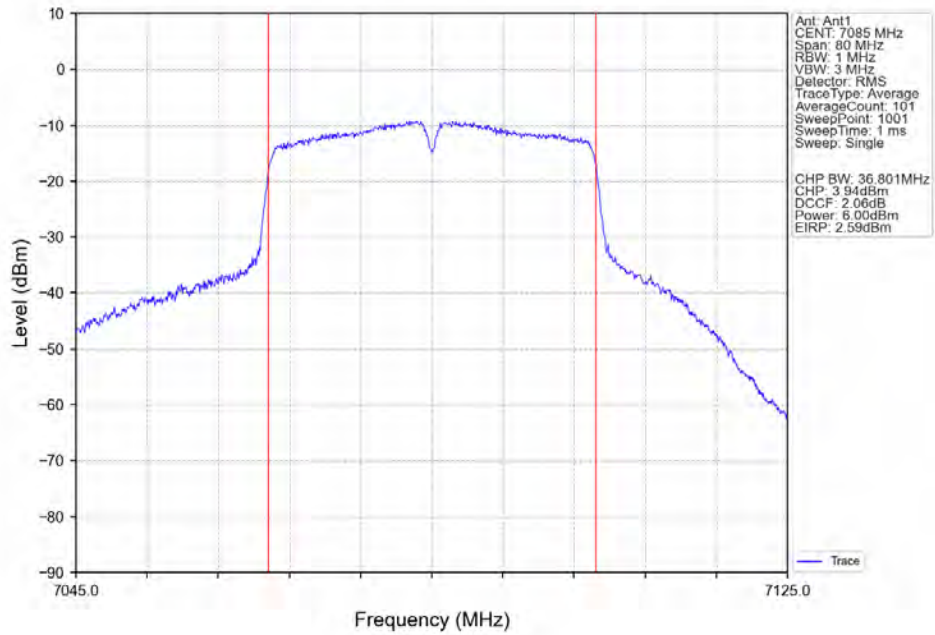
802.11n(HT40) MCH 7005MHz Ant1 NTN



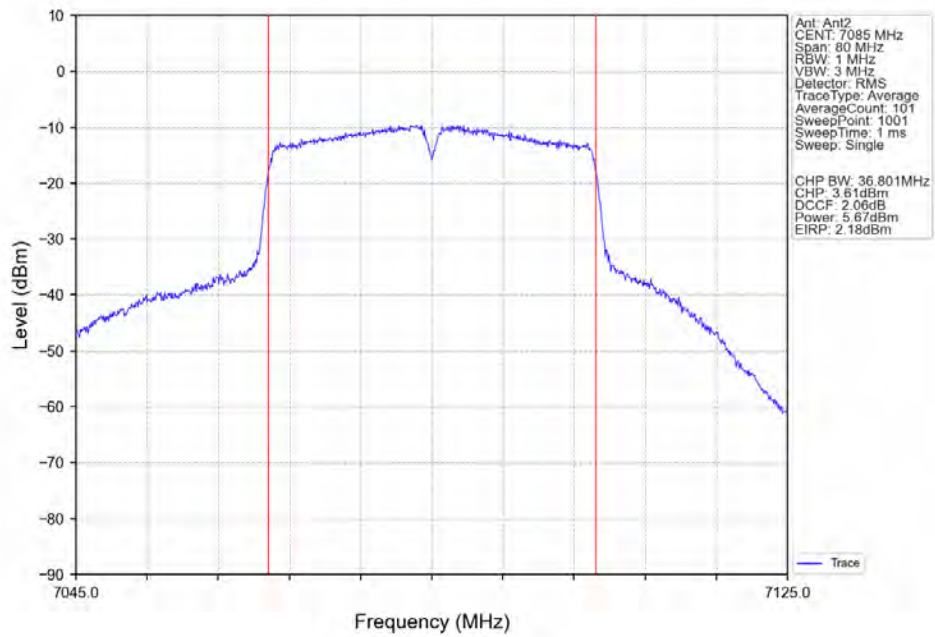
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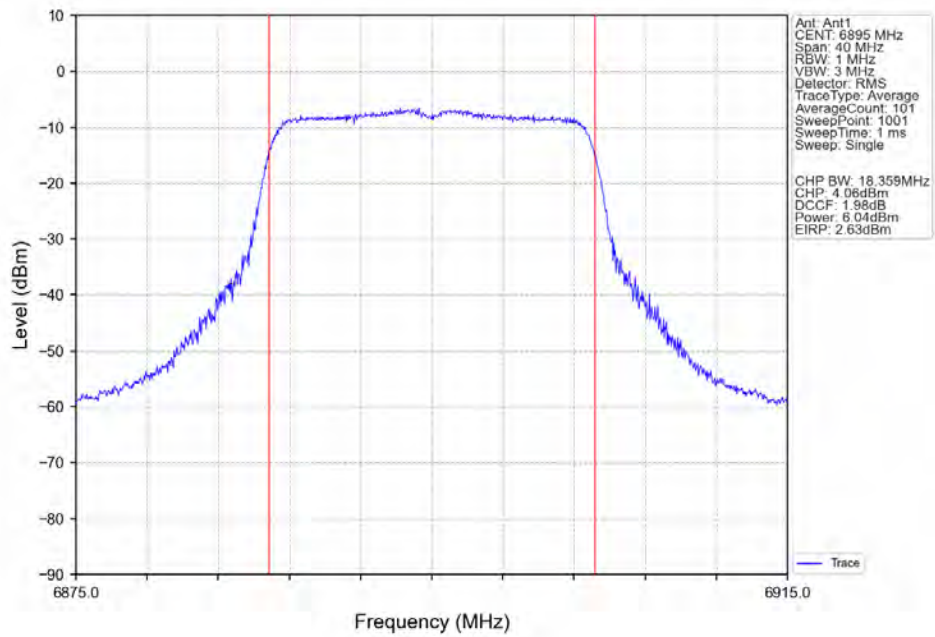
802.11n(HT40) HCH 7085MHz Ant1 NTN



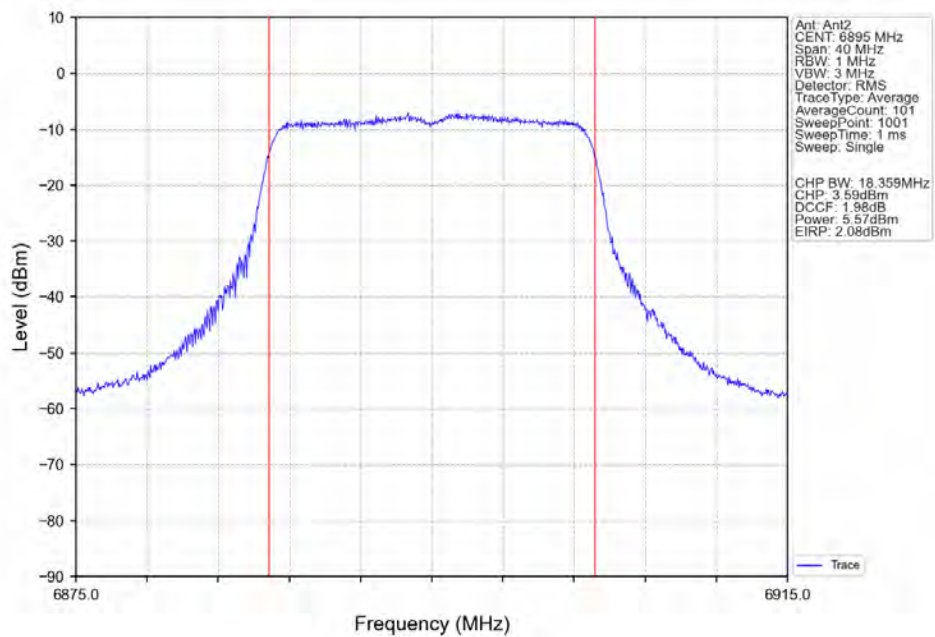
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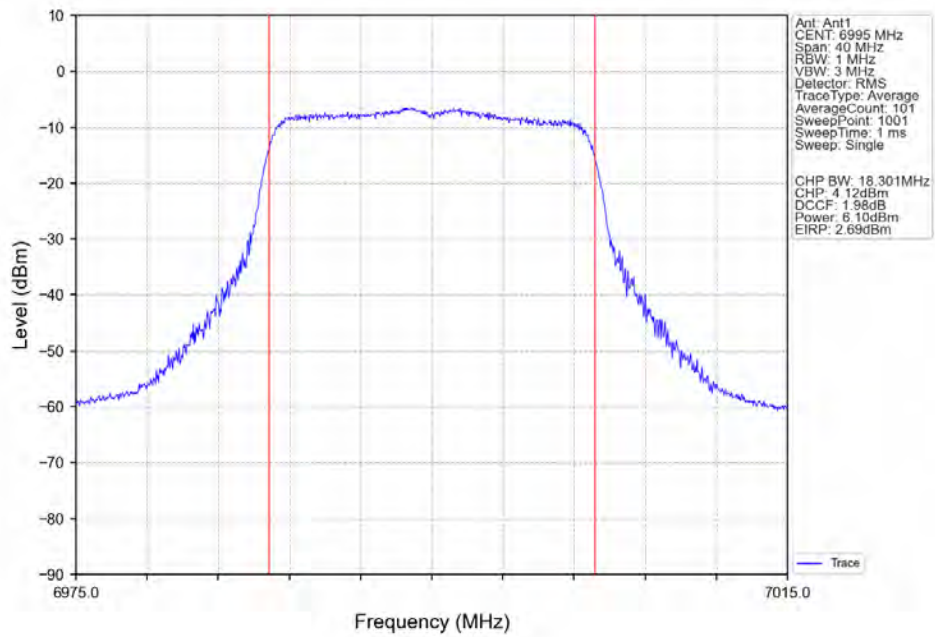
802.11ac(VHT20) LCH 6895MHz Ant1 NTN



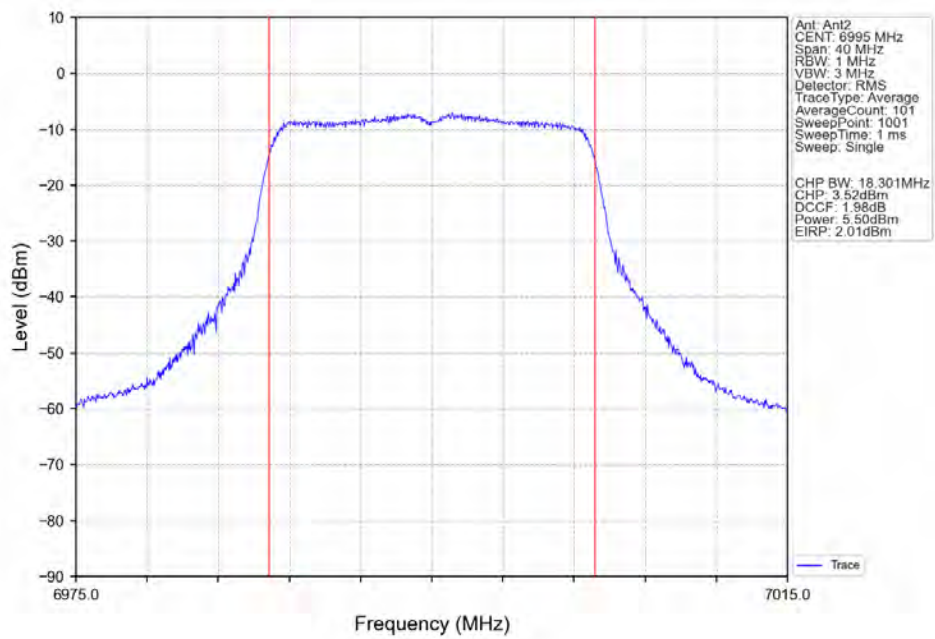
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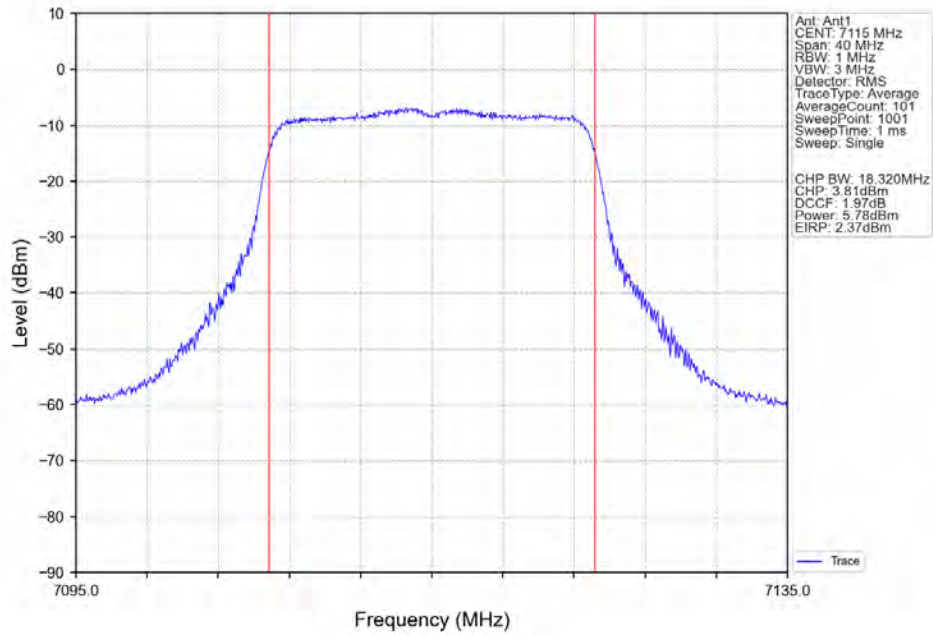
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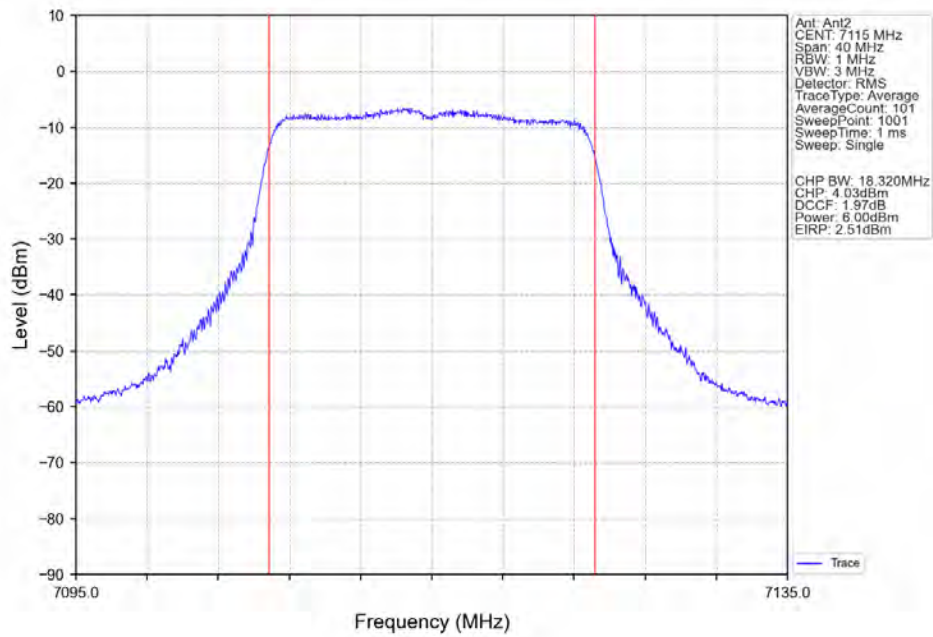
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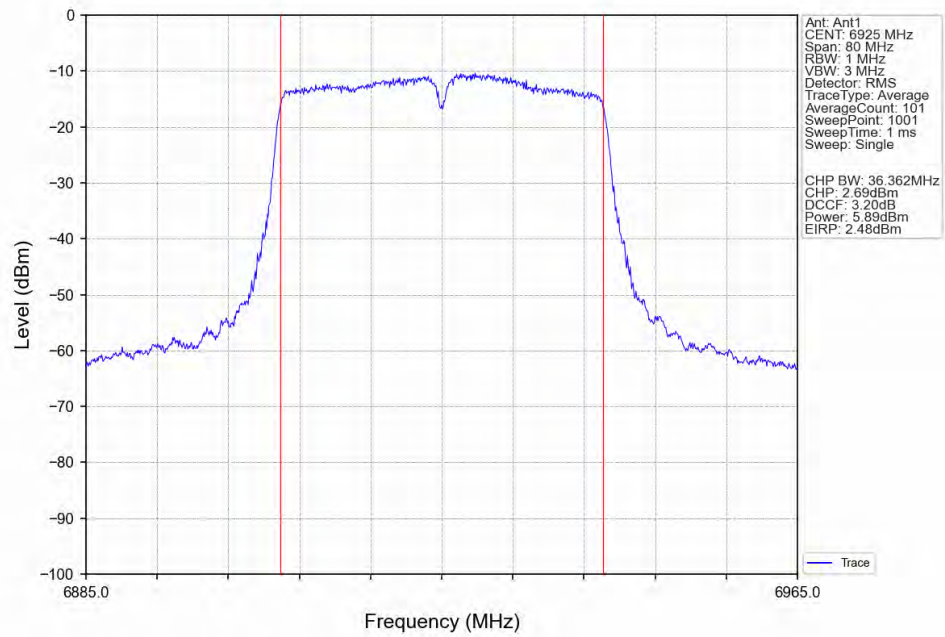
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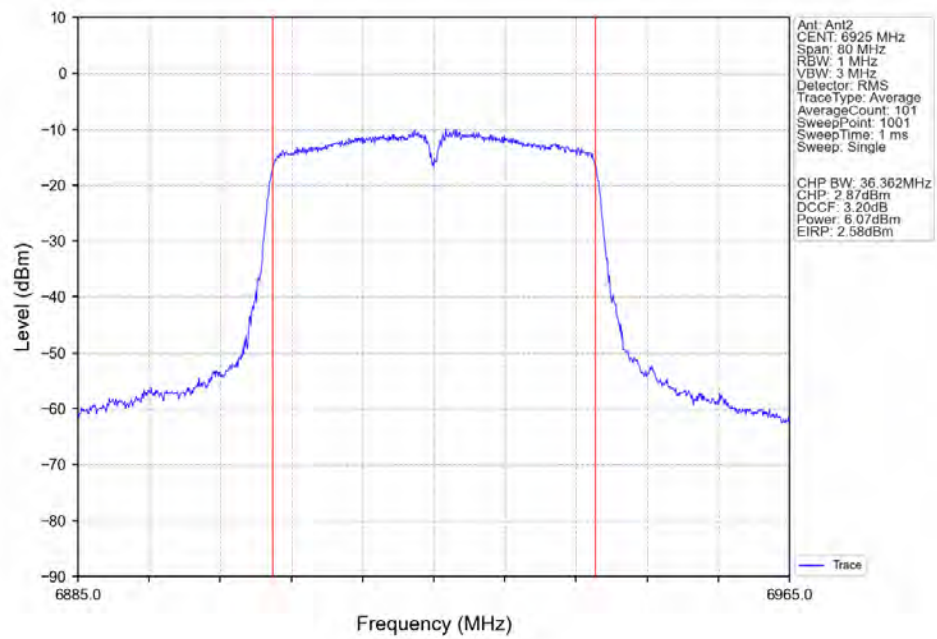
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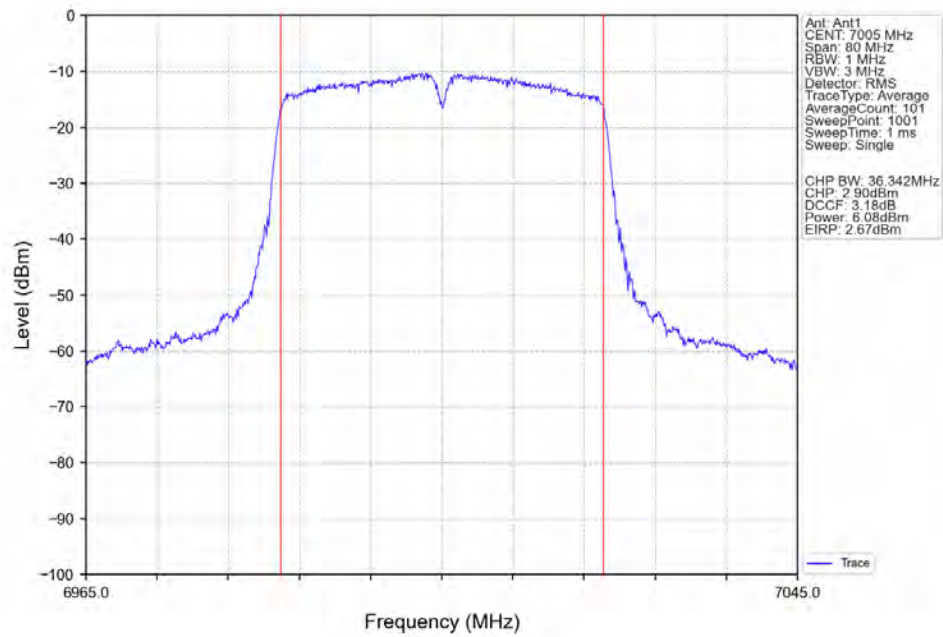
802.11ac(VHT40) LCH 6925MHz Ant1 NTN



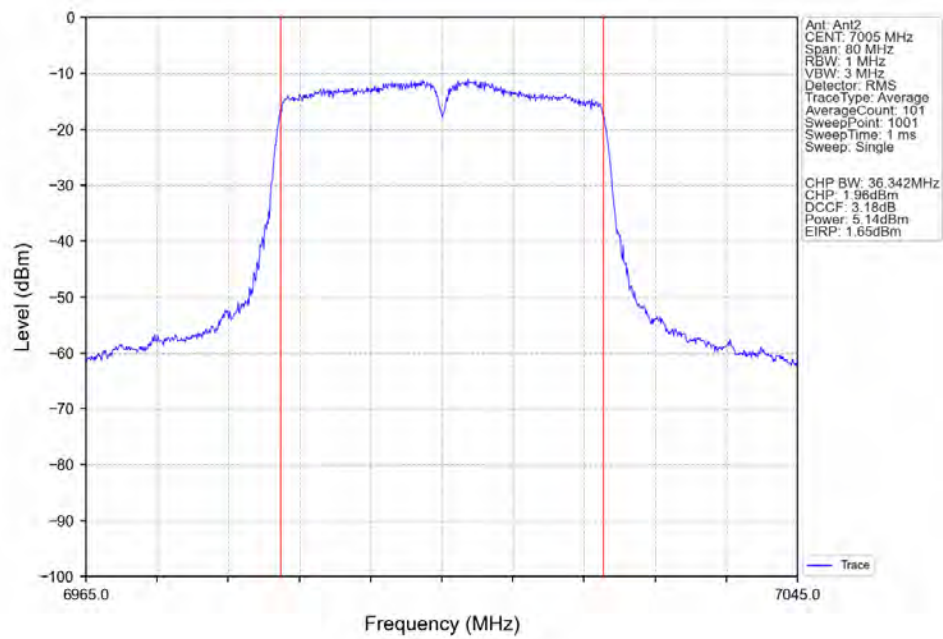
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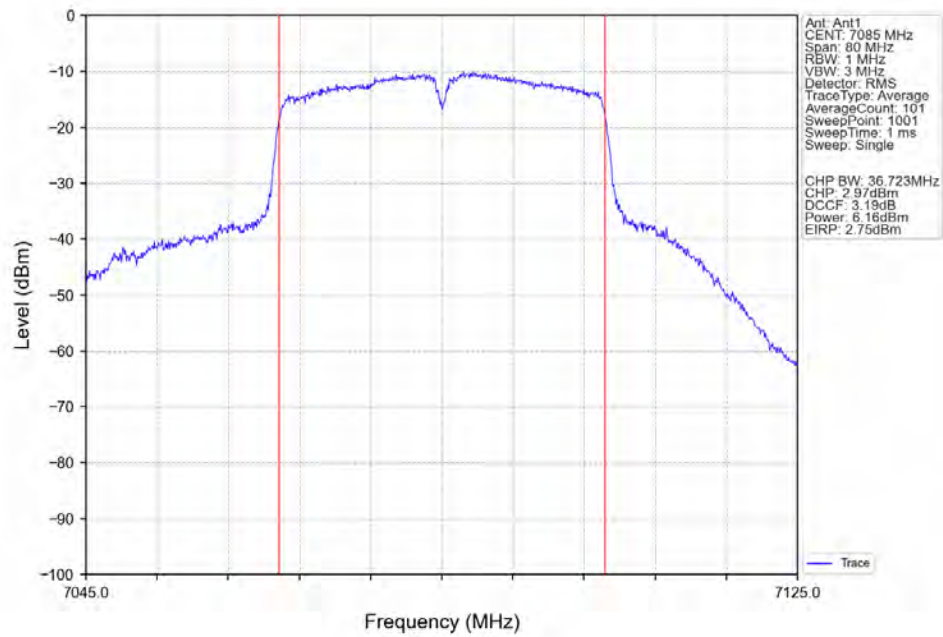
802.11ac(VHT40) MCH 7005MHz Ant1 NTN



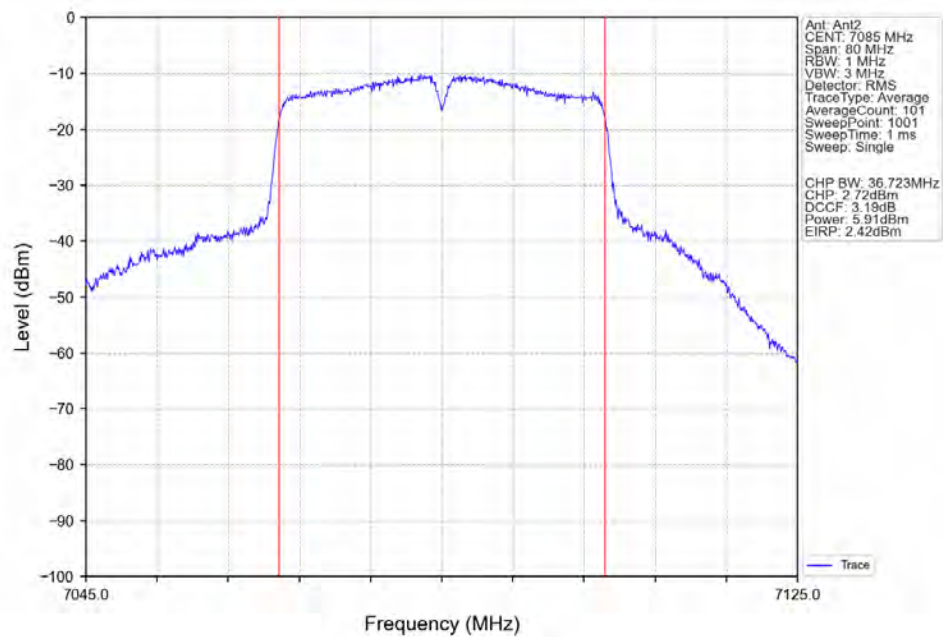
802.11ac(VHT40) MCH 7005MHz Ant2 NTN



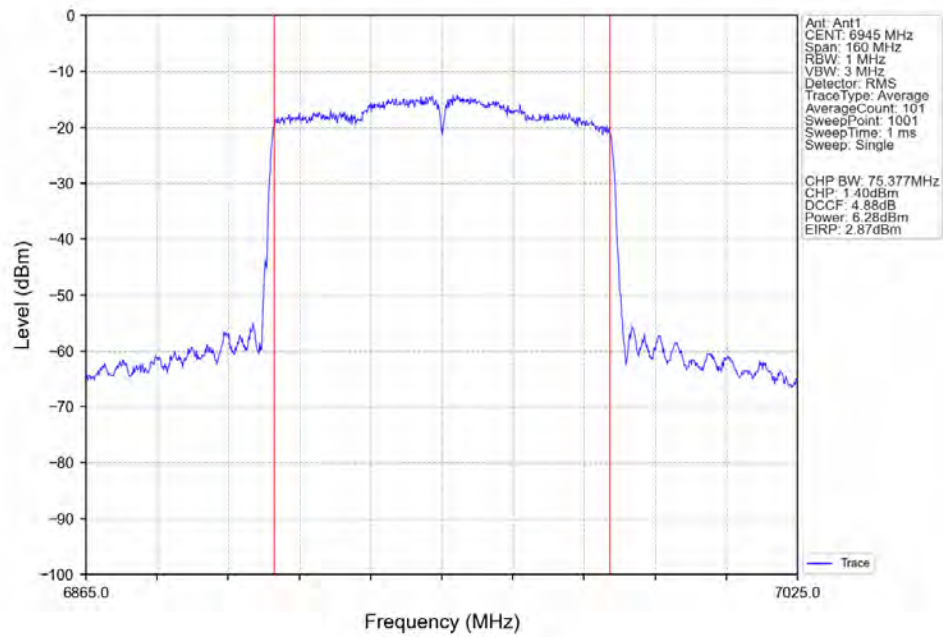
802.11ac(VHT40) HCH 7085MHz Ant1 NTNV



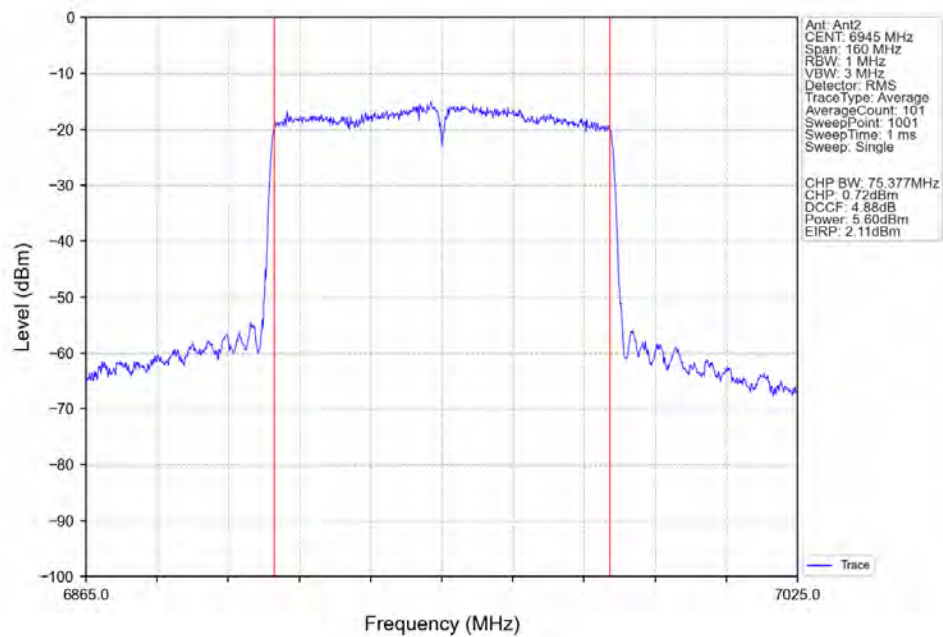
802.11ac(VHT40) HCH 7085MHz Ant2 NTNV



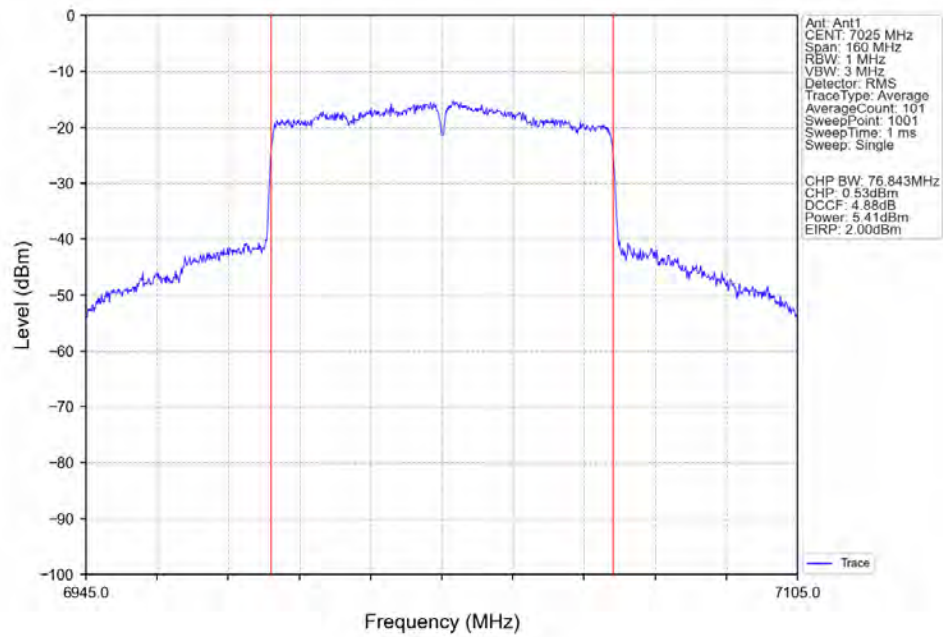
802.11ac(VHT80) LCH 6945MHz Ant1 NTNV



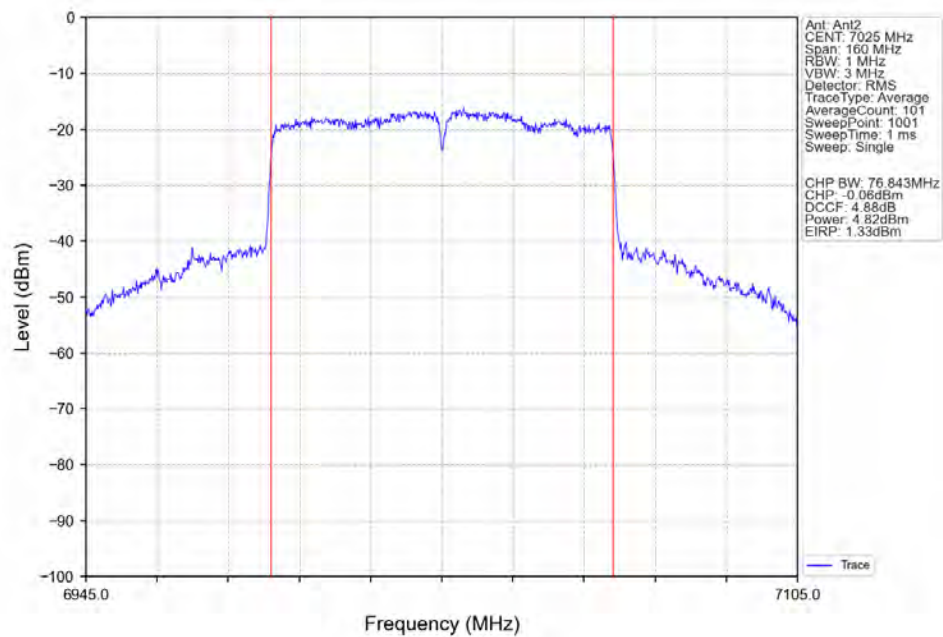
802.11ac(VHT80) LCH 6945MHz Ant2 NTNV



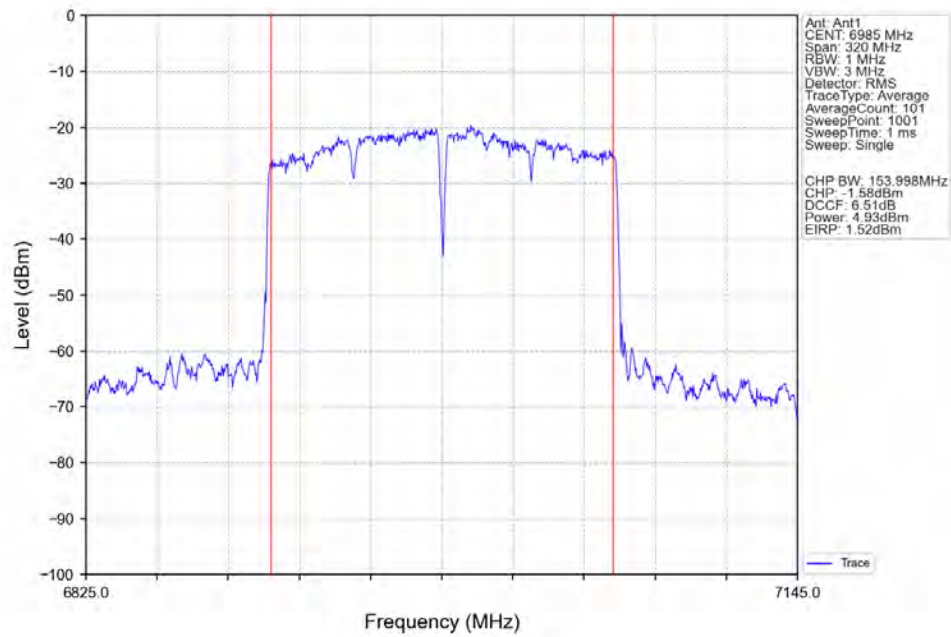
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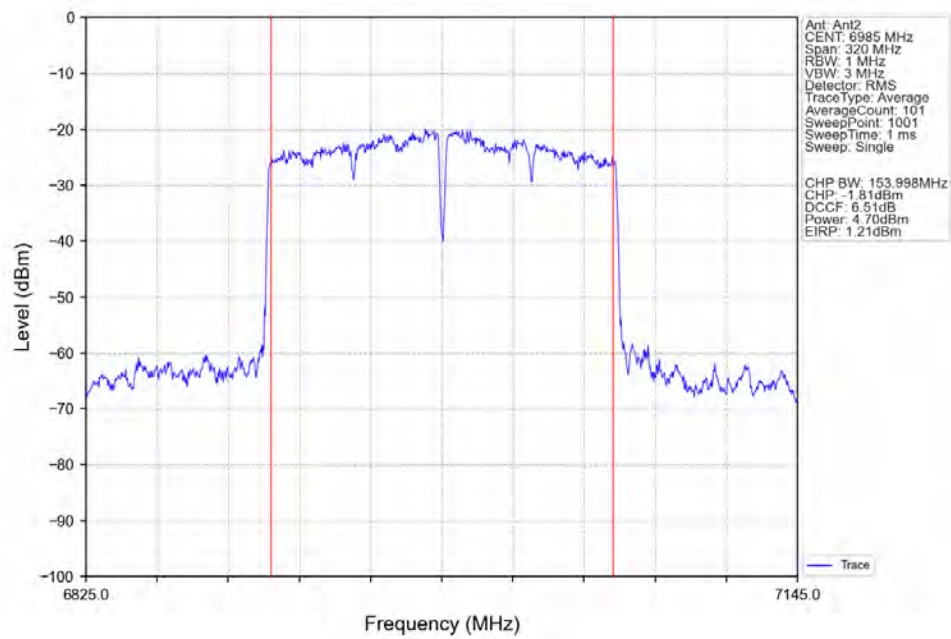
802.11ac(VHT80) HCH 7025MHz Ant2 NTN



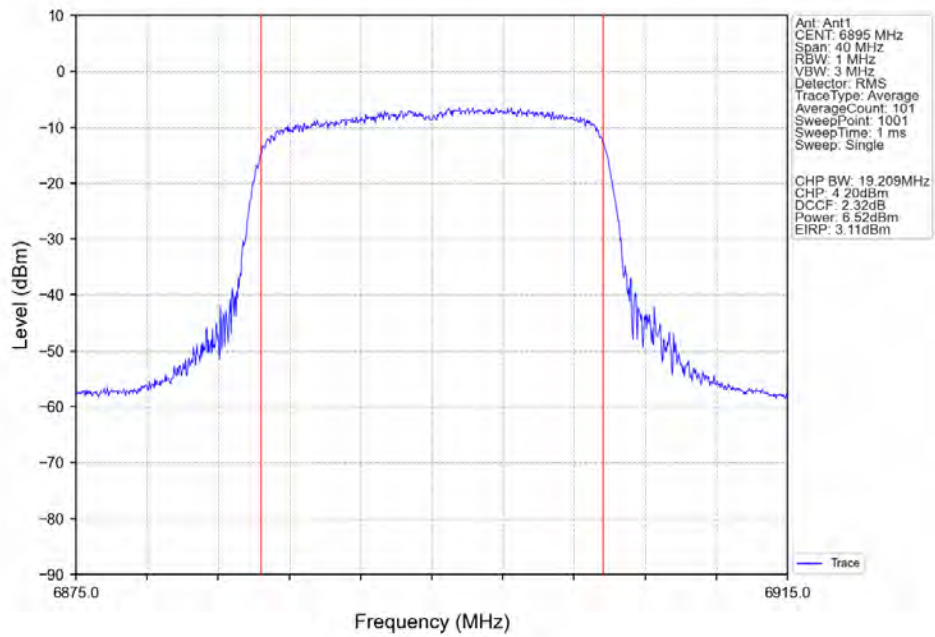
802.11ac(VHT160) MCH 6985MHz Ant1 NTN



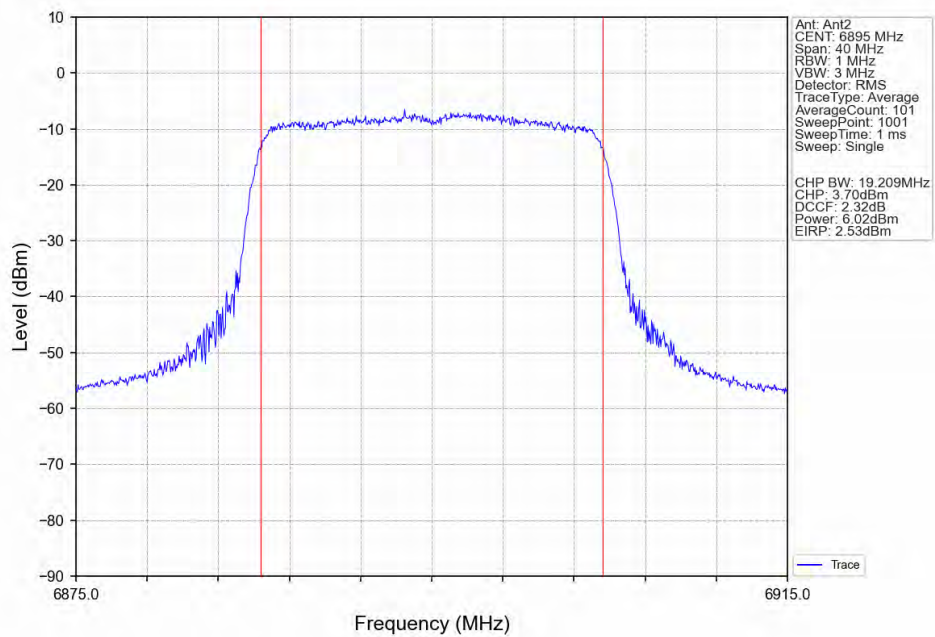
802.11ac(VHT160) MCH 6985MHz Ant2 NTN



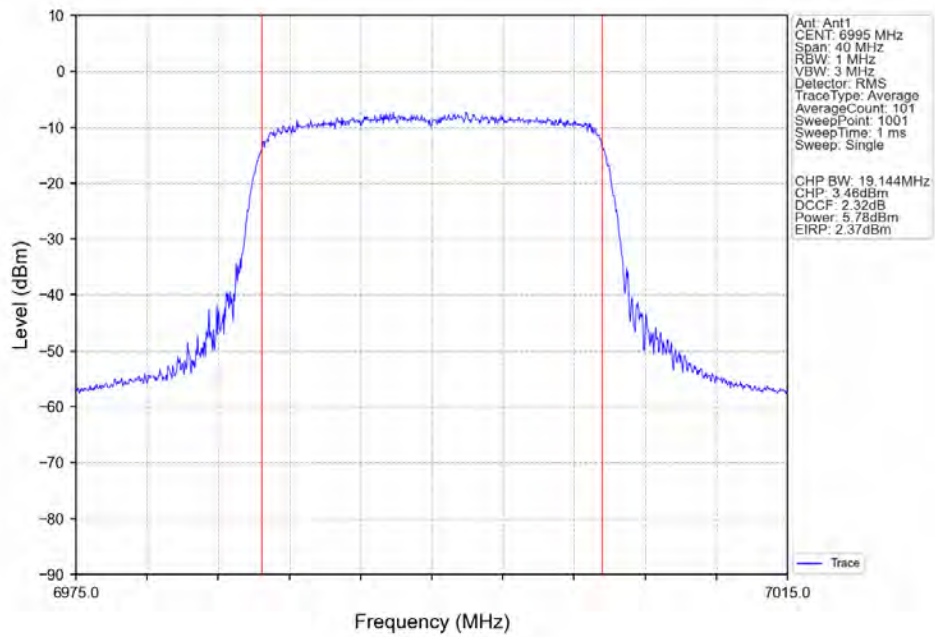
802.11ax(HEW20) LCH 6895MHz SU / Ant1 NTN



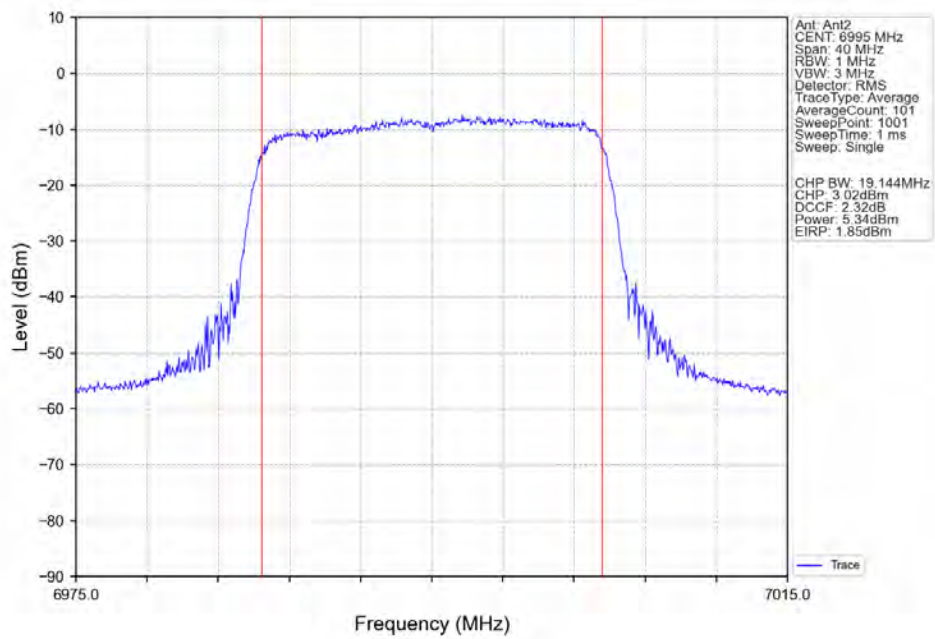
802.11ax(HEW20) LCH 6895MHz SU / Ant2 NTN



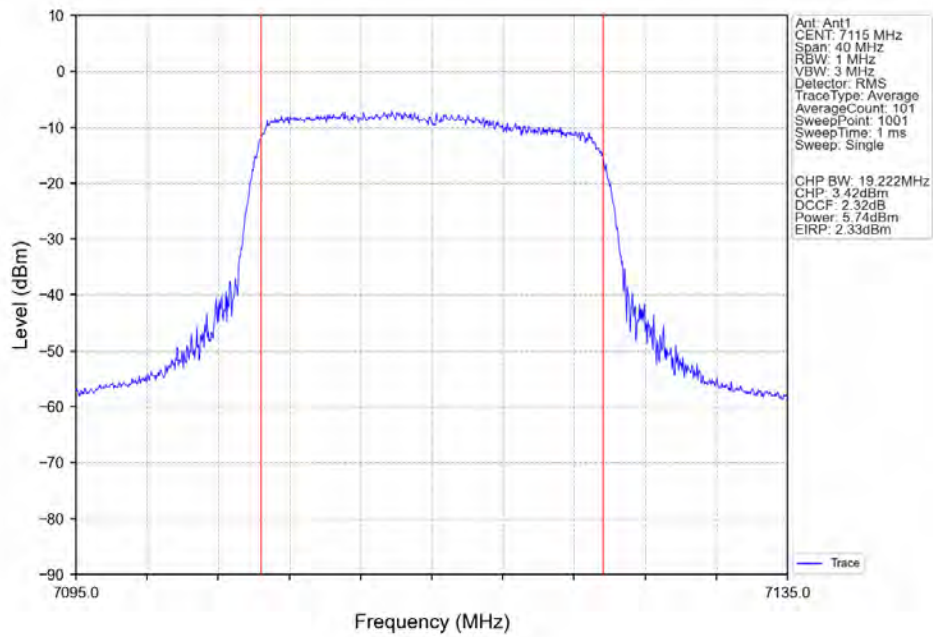
802.11ax(HEW20) MCH 6995MHz SU / Ant1 NTN



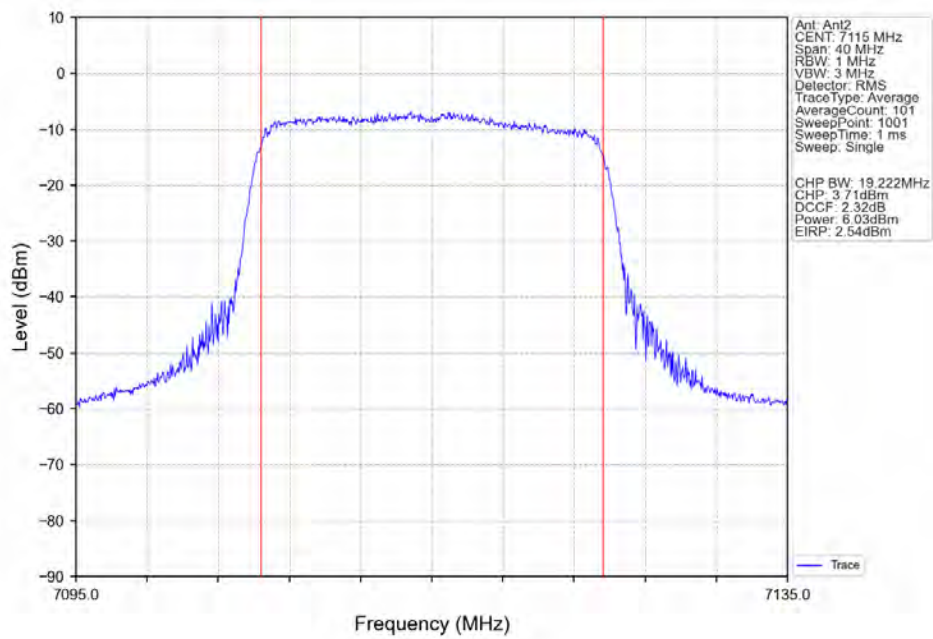
802.11ax(HEW20) MCH 6995MHz SU / Ant2 NTN



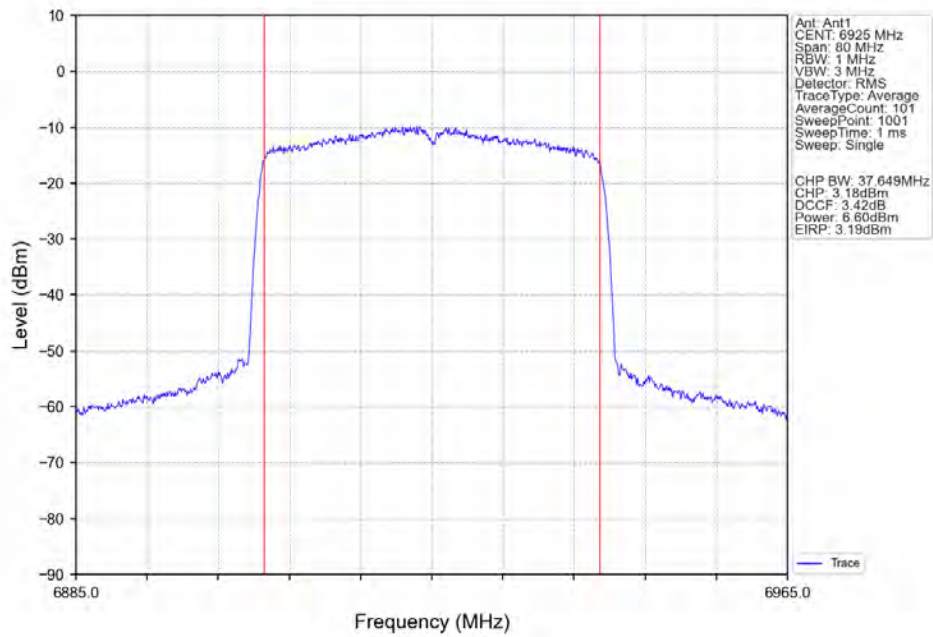
802.11ax(HEW20) HCH 7115MHz SU / Ant1 NTN



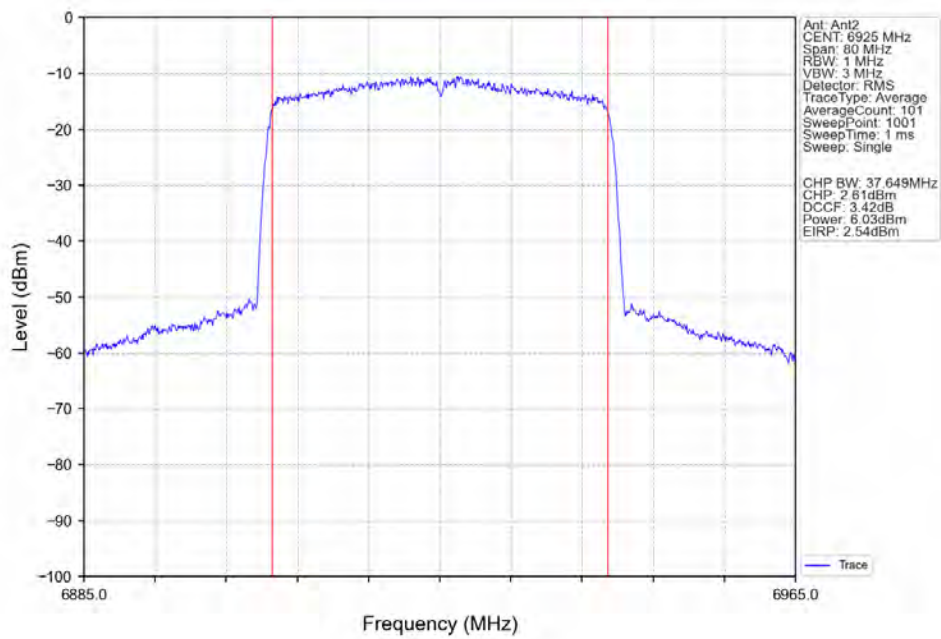
802.11ax(HEW20) HCH 7115MHz SU / Ant2 NTN



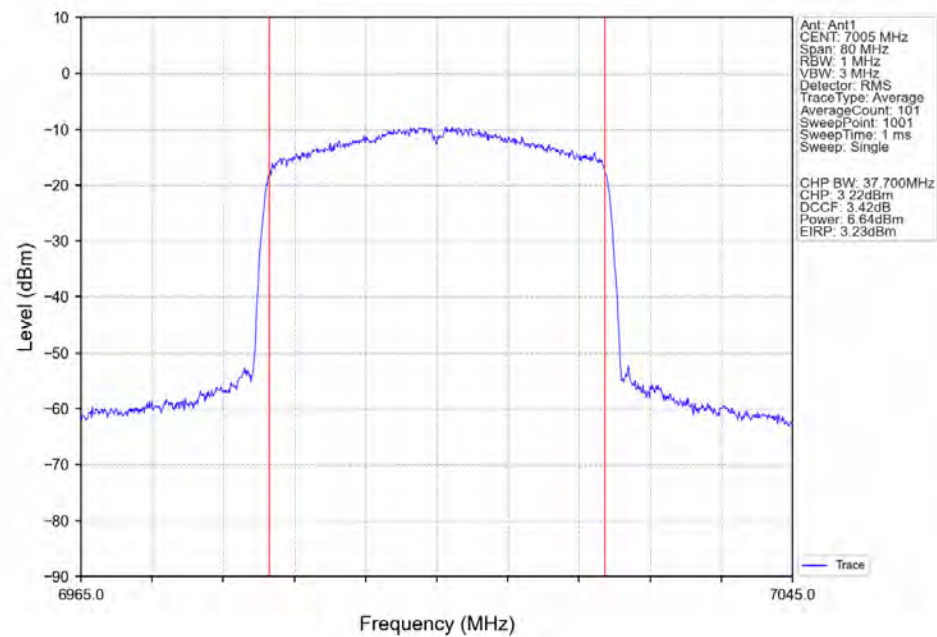
802.11ax(HEW40) LCH 6925MHz SU / Ant1 NTN



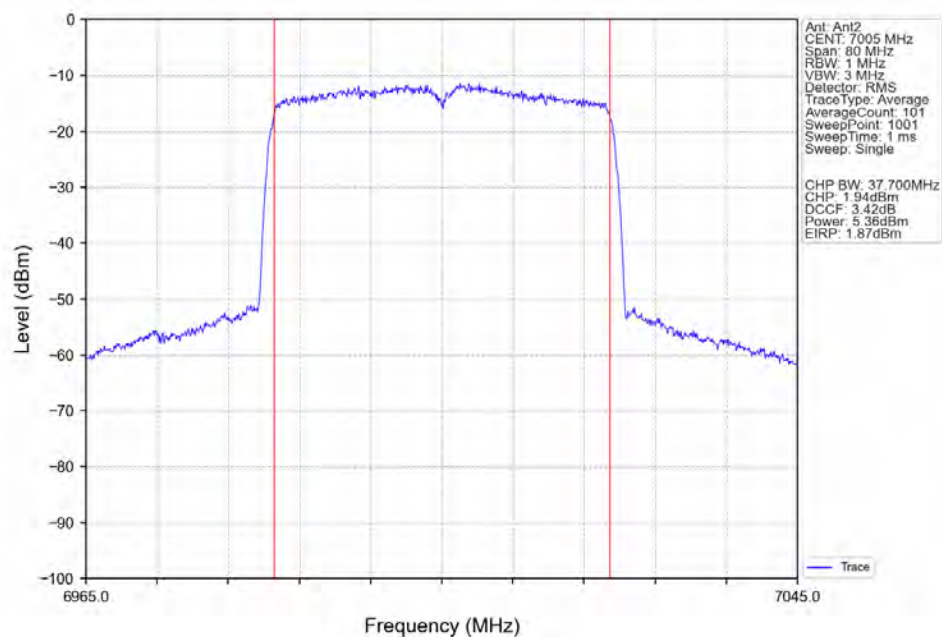
802.11ax(HEW40) LCH 6925MHz SU / Ant2 NTN



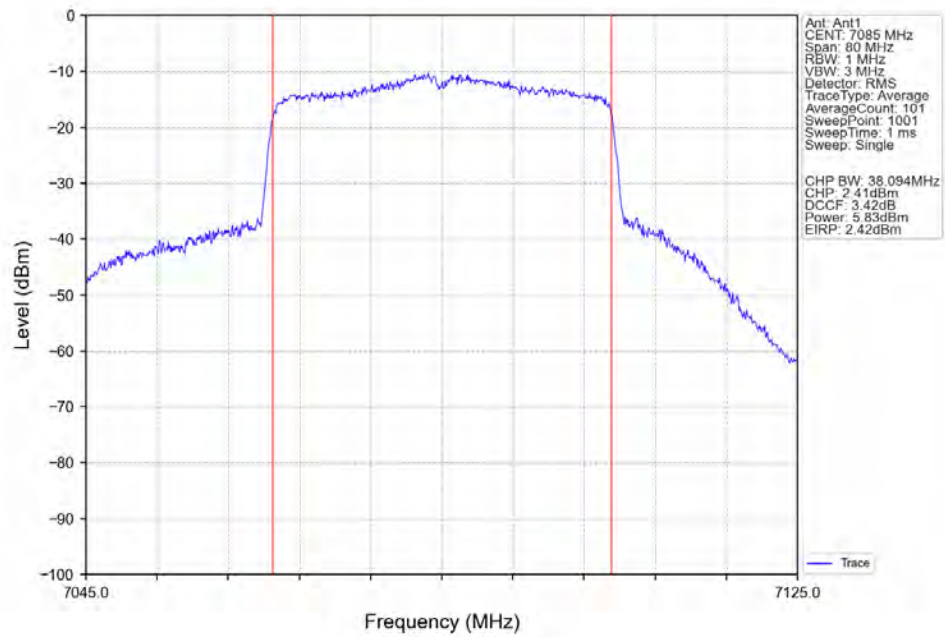
802.11ax(HEW40) MCH 7005MHz SU / Ant1 NTN



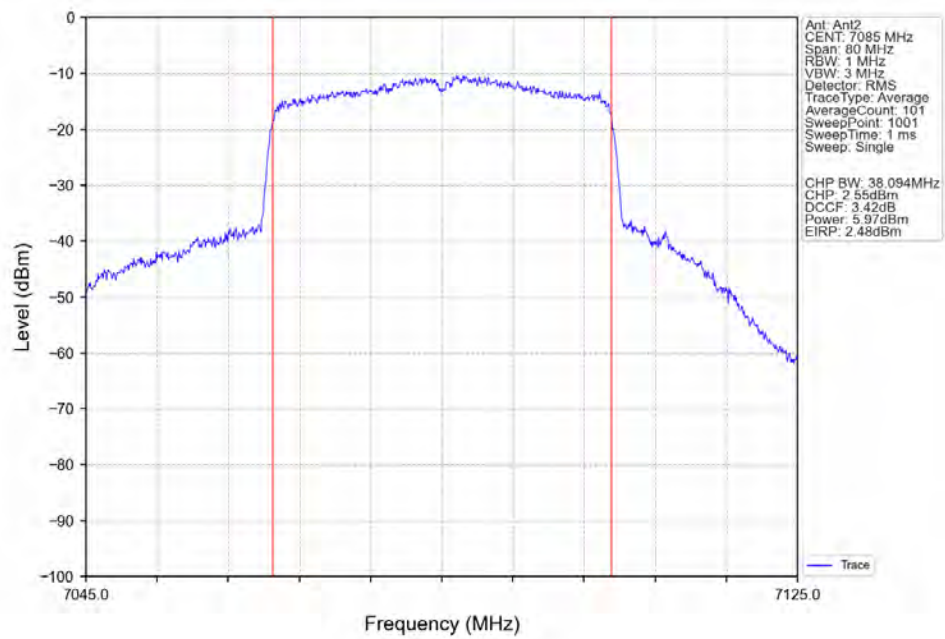
802.11ax(HEW40) MCH 7005MHz SU / Ant2 NTN



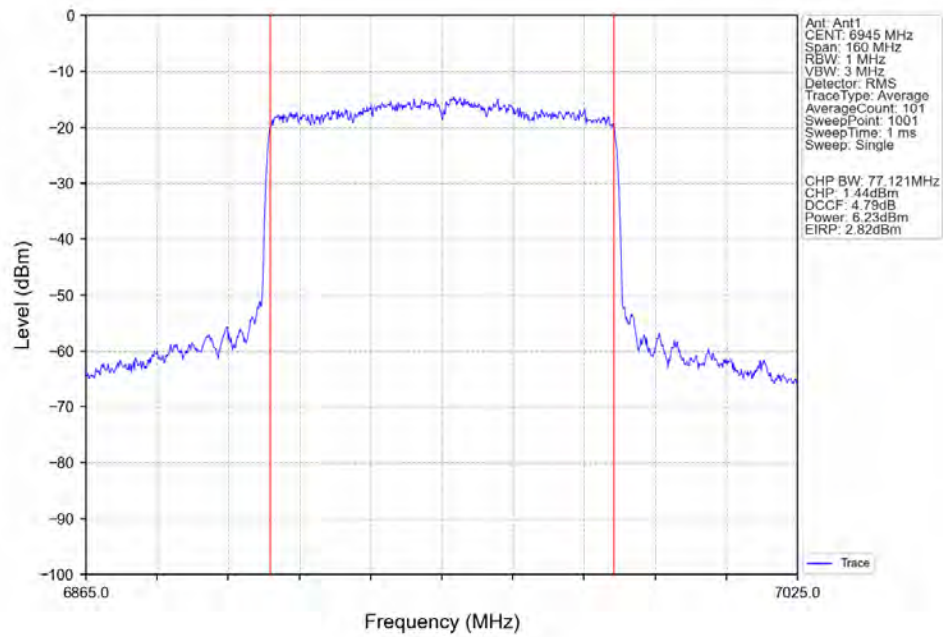
802.11ax(HEW40) HCH 7085MHz SU / Ant1 NTN



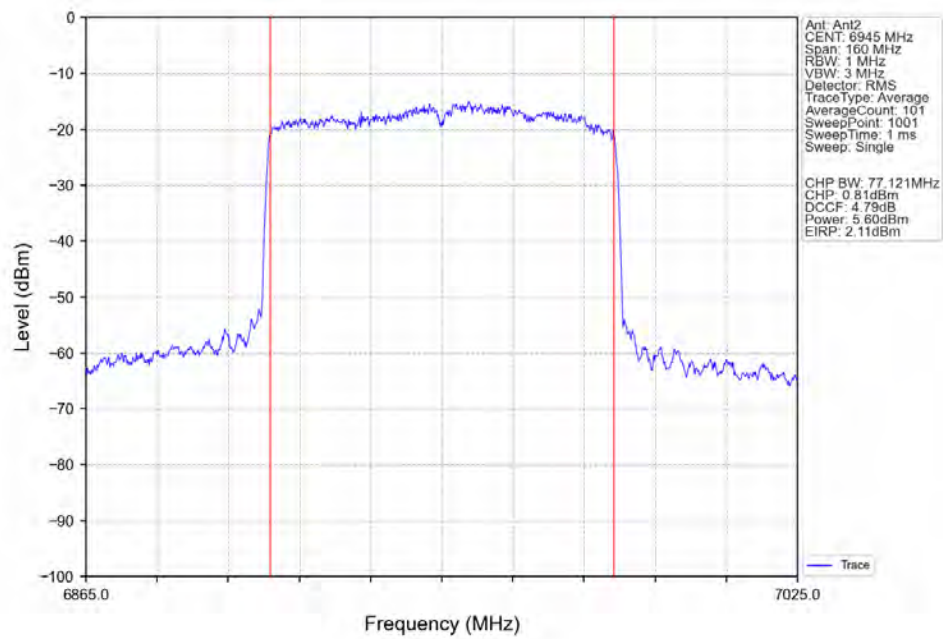
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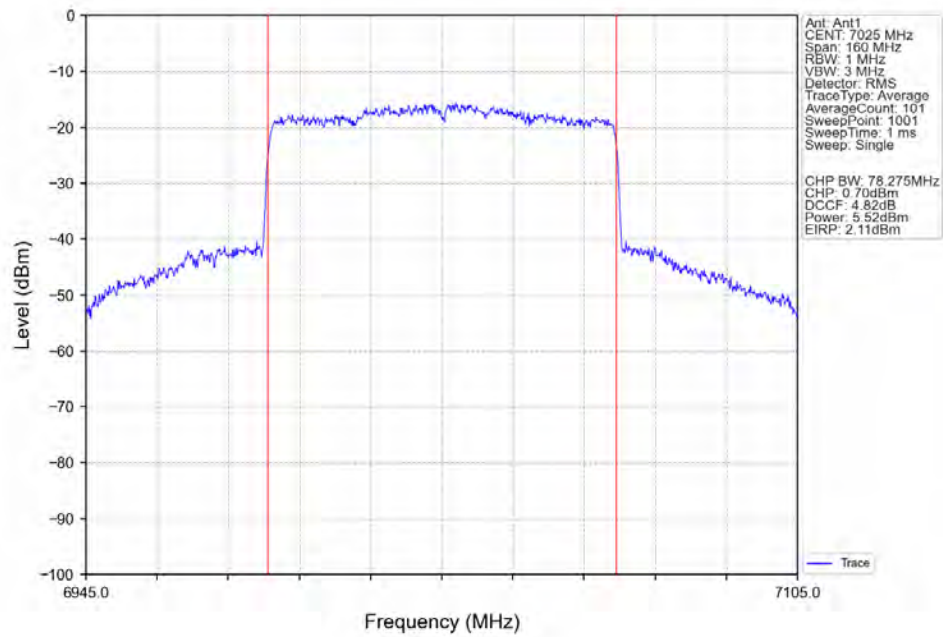
802.11ax(HEW80) LCH 6945MHz SU / Ant1 NTN



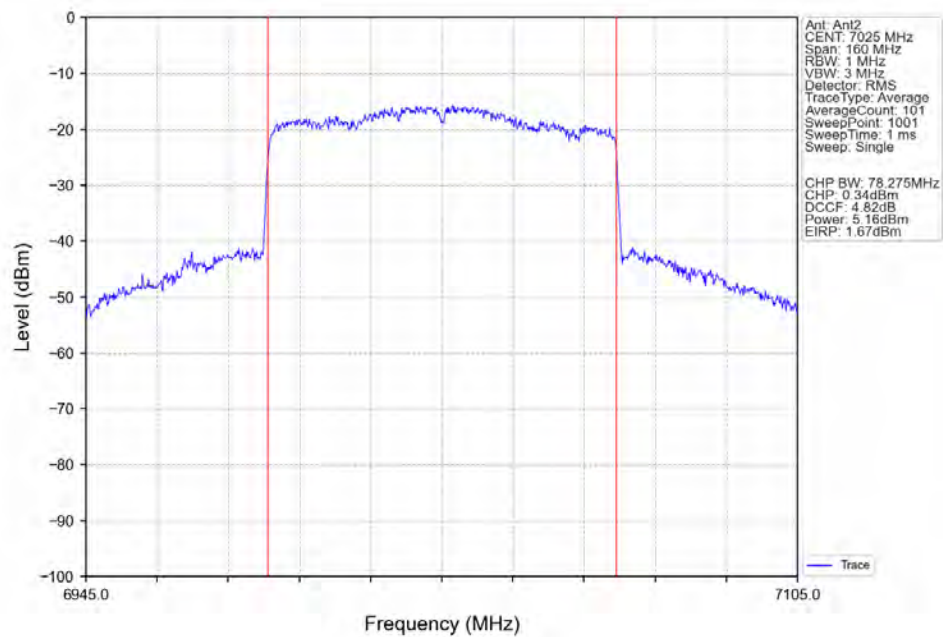
802.11ax(HEW80) LCH 6945MHz SU / Ant2 NTN



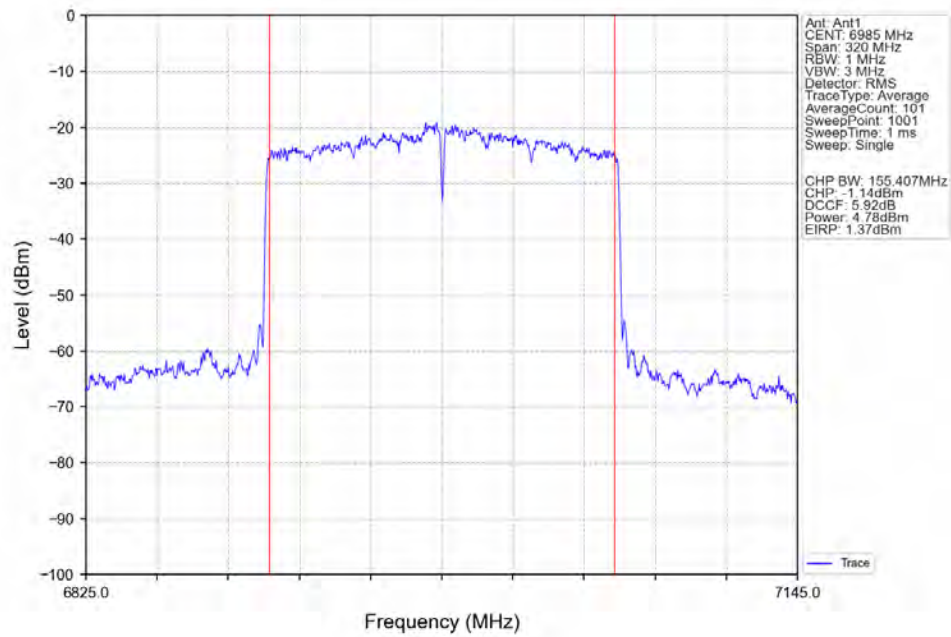
802.11ax(HEW80) HCH 7025MHz SU / Ant1 NTN



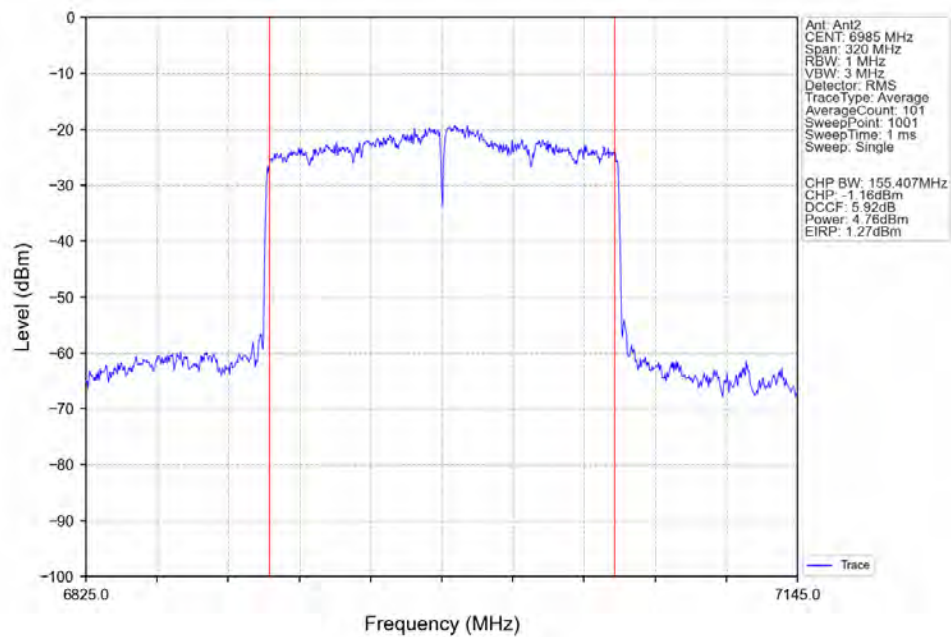
802.11ax(HEW80) HCH 7025MHz SU / Ant2 NTN



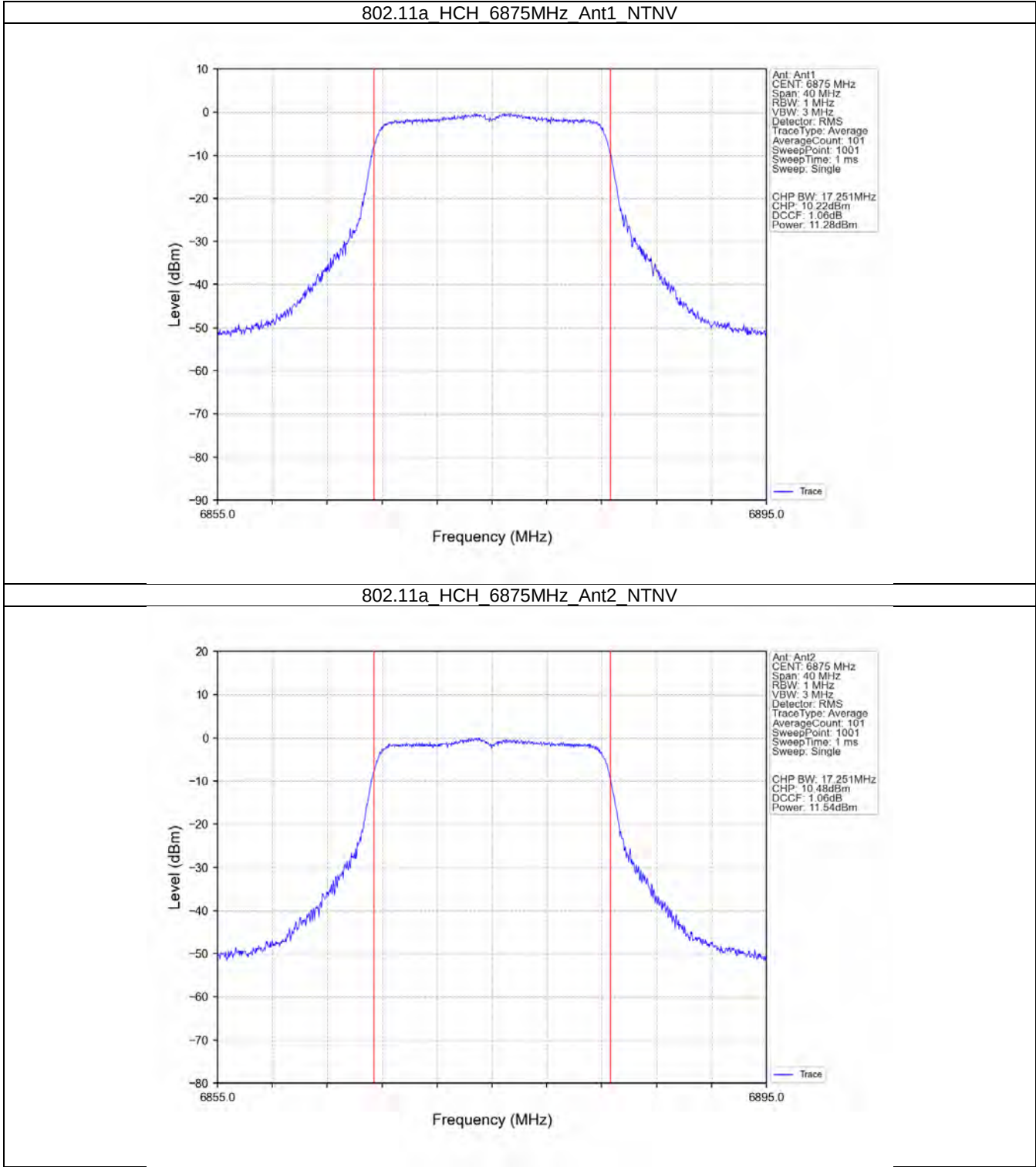
802.11ax(HEW160) MCH 6985MHz SU / Ant1 NTN



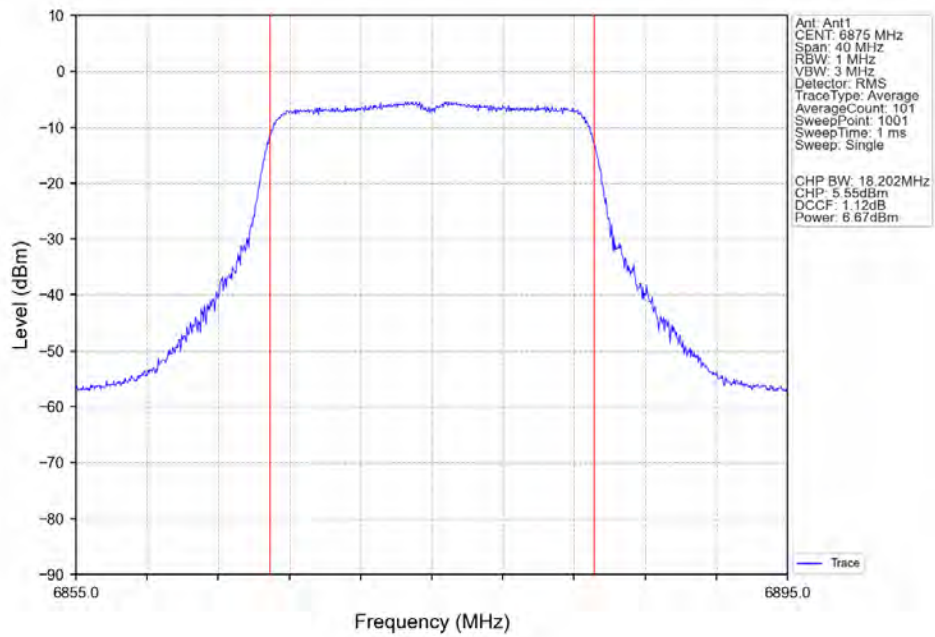
802.11ax(HEW160) MCH 6985MHz SU / Ant2 NTN



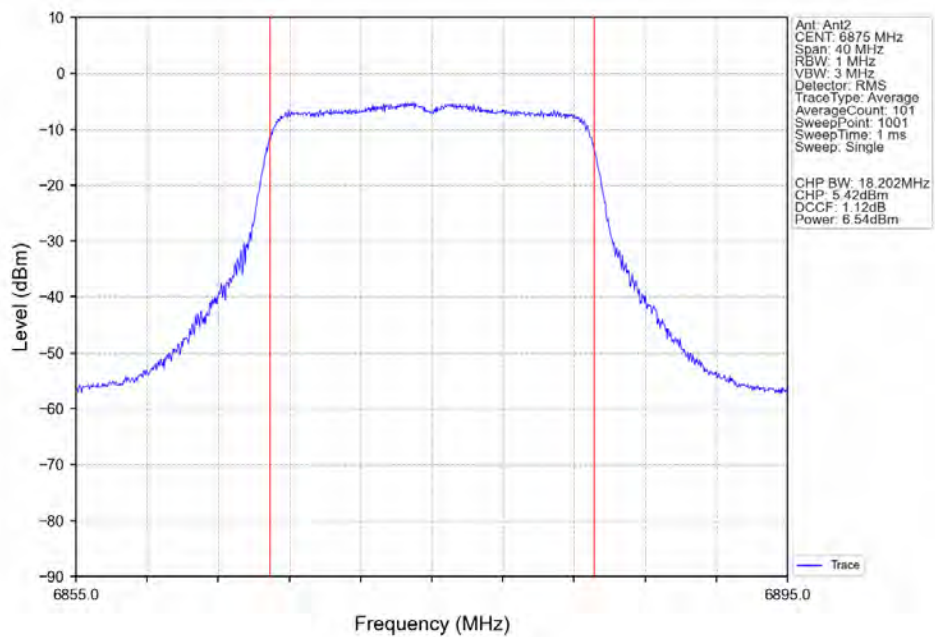
3.2.9 Power



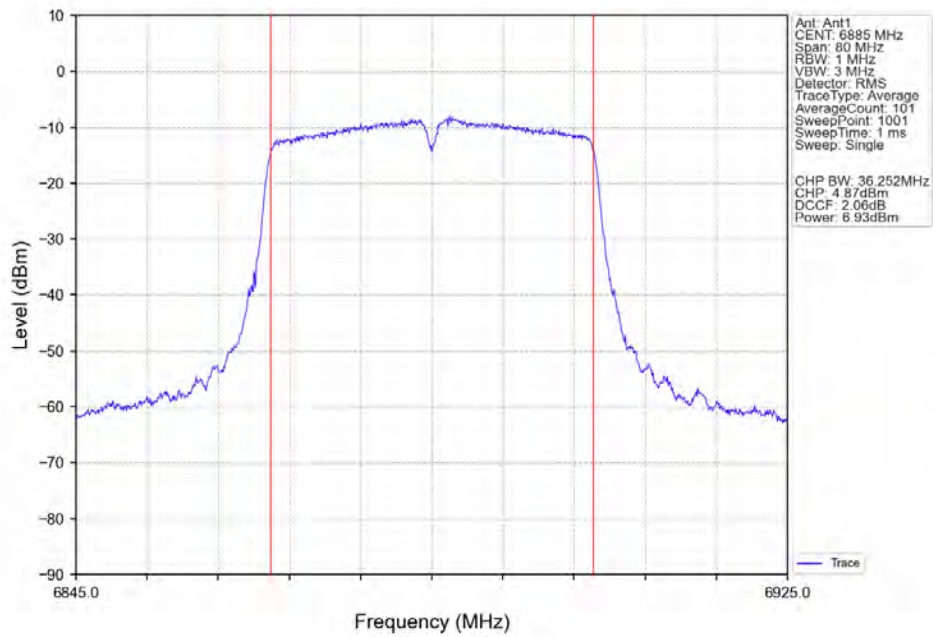
802.11n(HT20) HCH 6875MHz Ant1 NTN



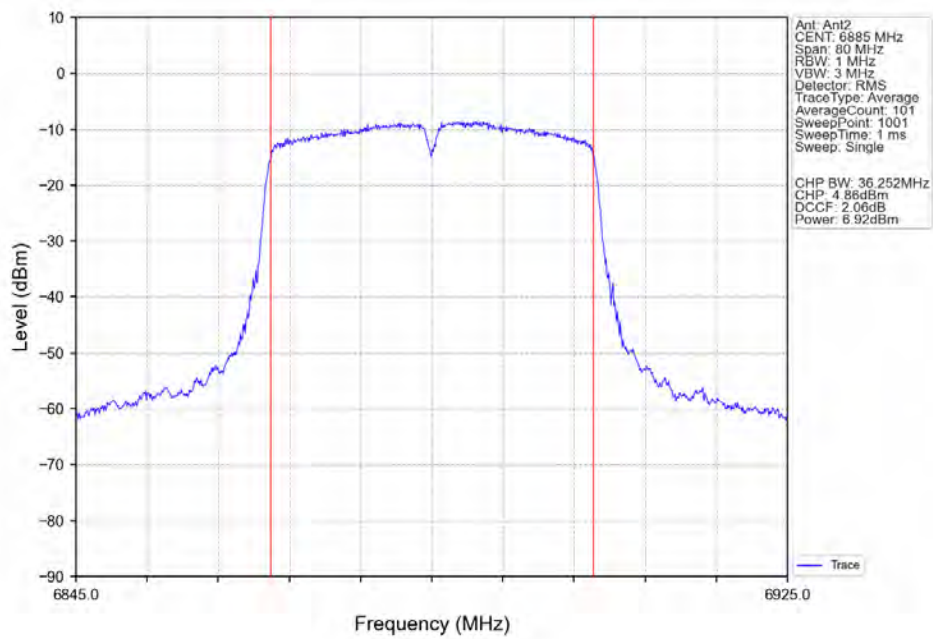
802.11n(HT20) HCH 6875MHz Ant2 NTN



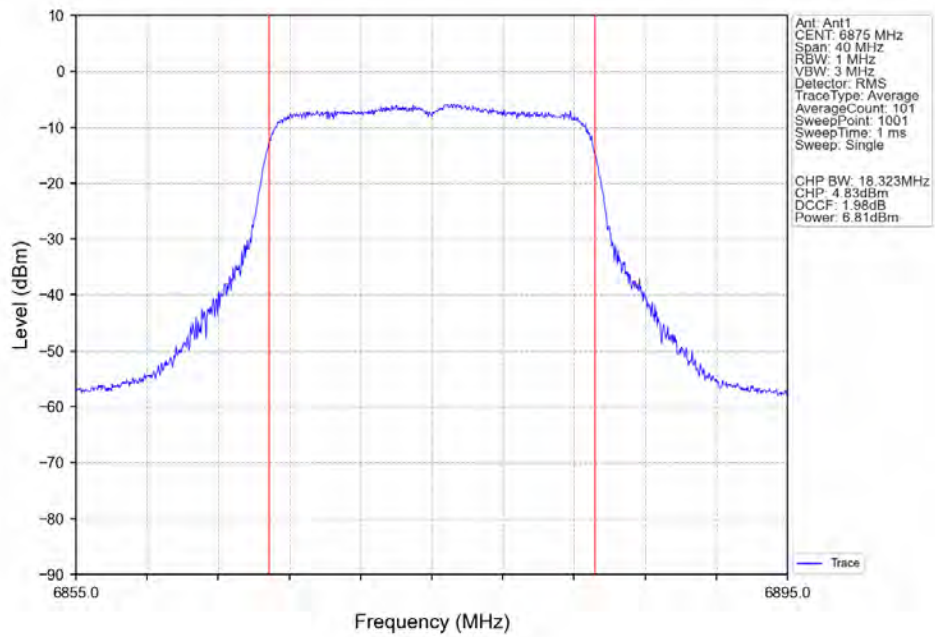
802.11n(HT40) HCH 6885MHz Ant1 NTN



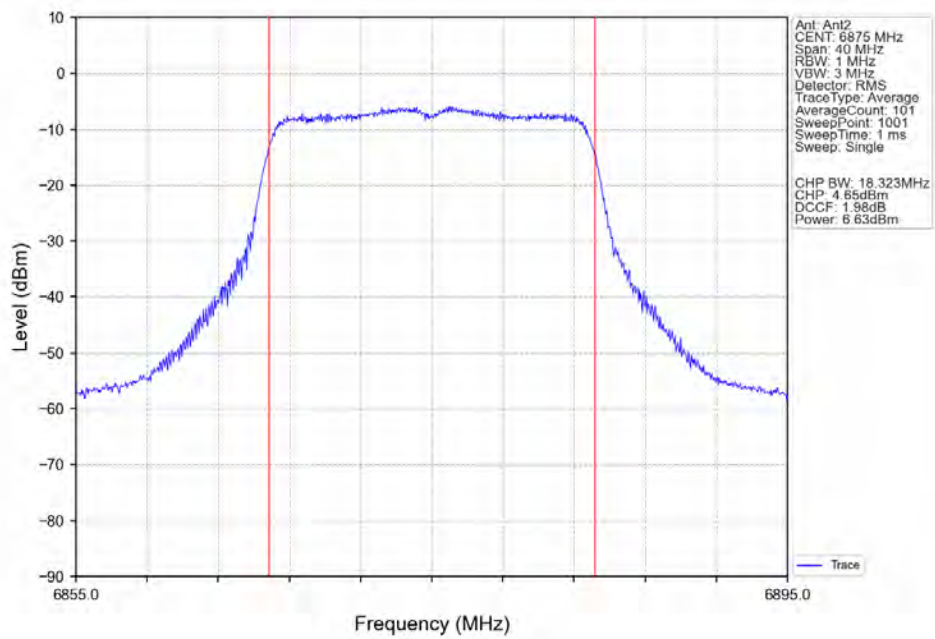
802.11n(HT40) HCH 6885MHz Ant2 NTN



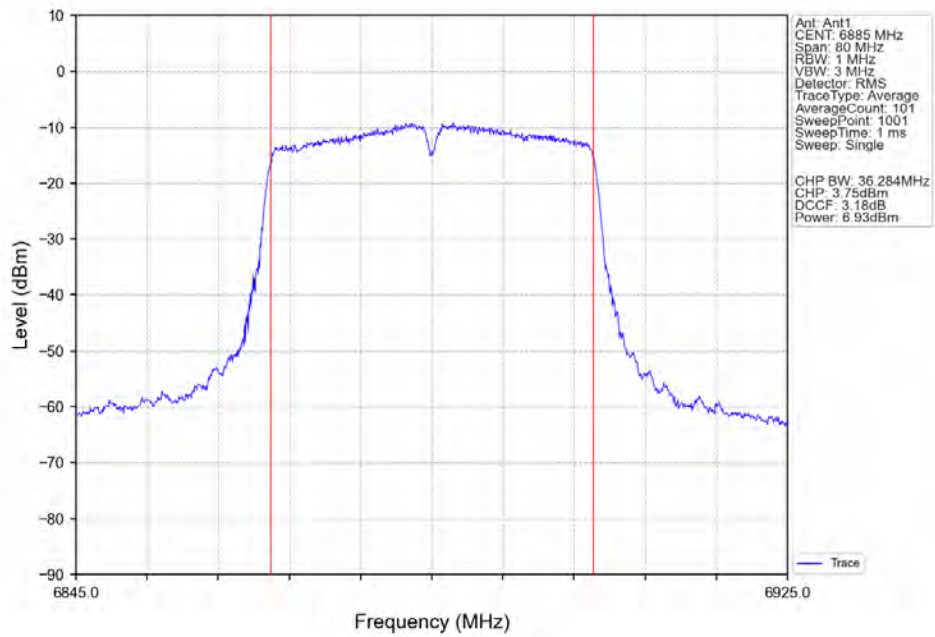
802.11ac(VHT20) HCH 6875MHz Ant1 NTN



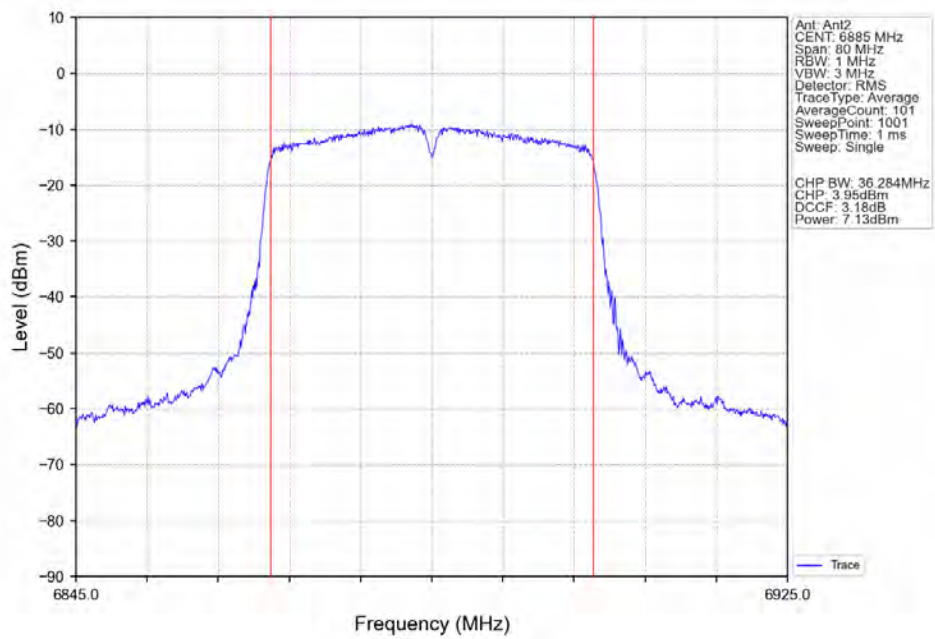
802.11ac(VHT20) HCH 6875MHz Ant2 NTN



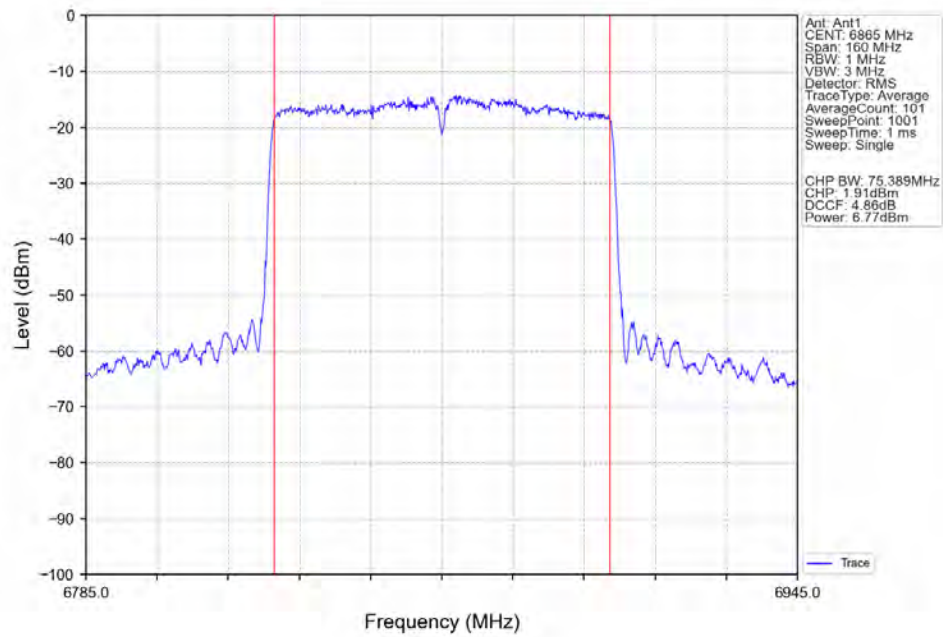
802.11ac(VHT40) HCH 6885MHz Ant1 NTN



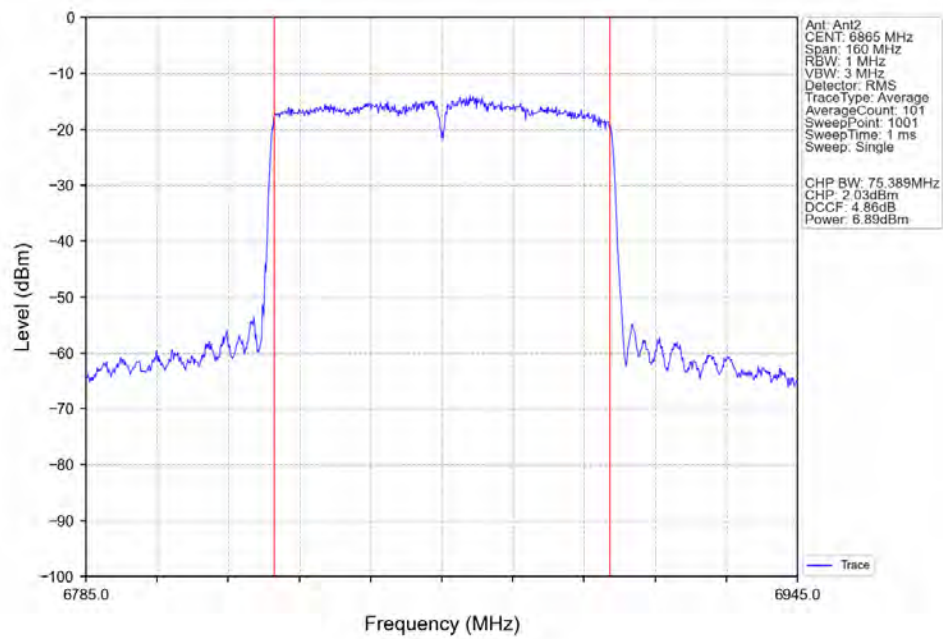
802.11ac(VHT40) HCH 6885MHz Ant2 NTN



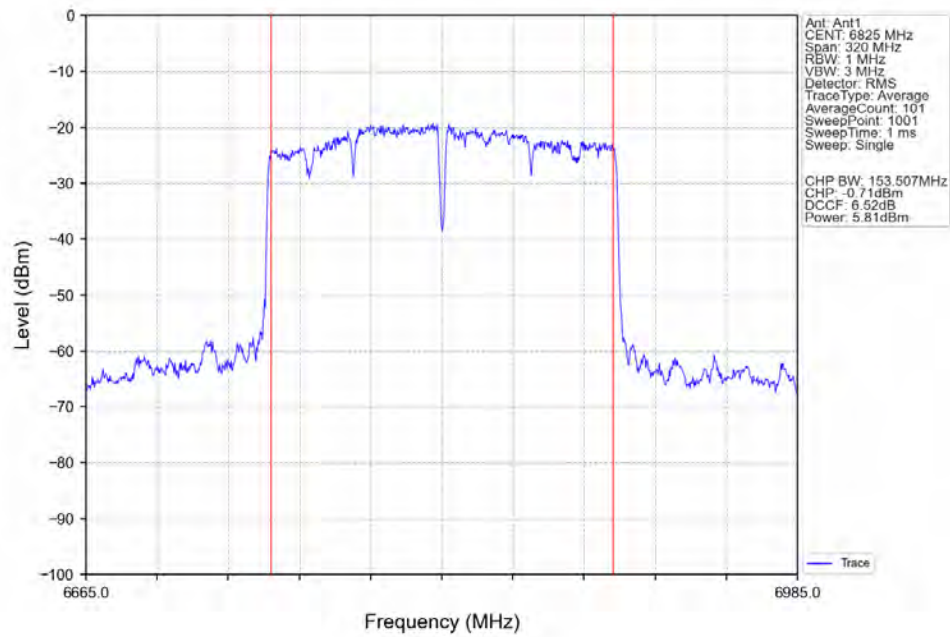
802.11ac(VHT80) HCH 6865MHz Ant1 NTN



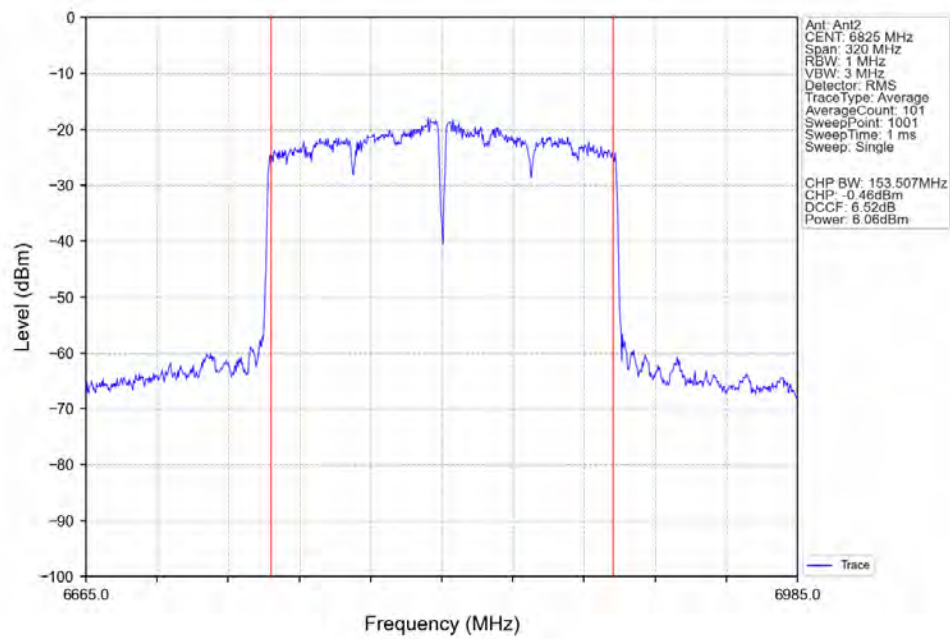
802.11ac(VHT80) HCH 6865MHz Ant2 NTN



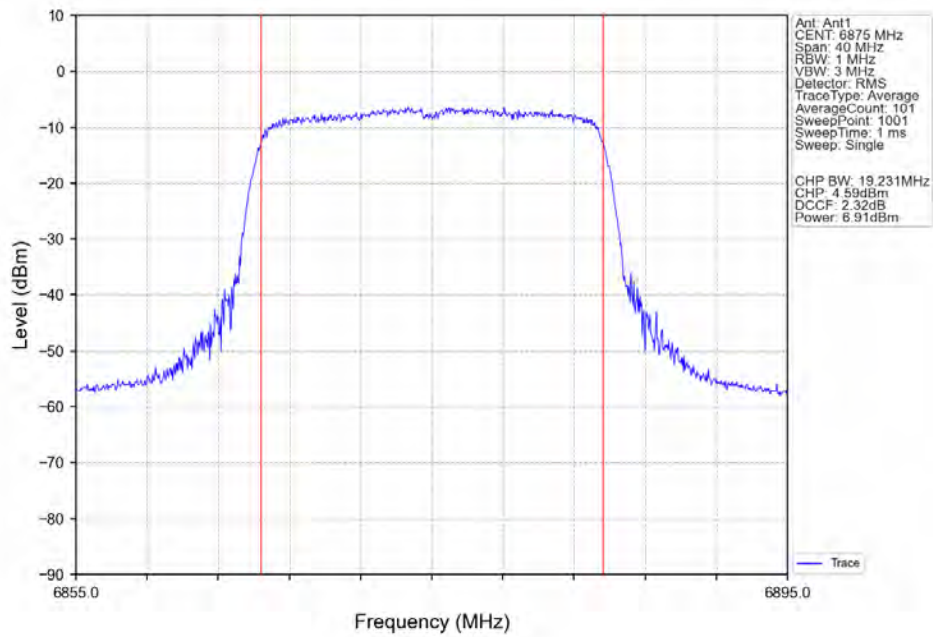
802.11ac(VHT160) HCH 6825MHz Ant1 NTN



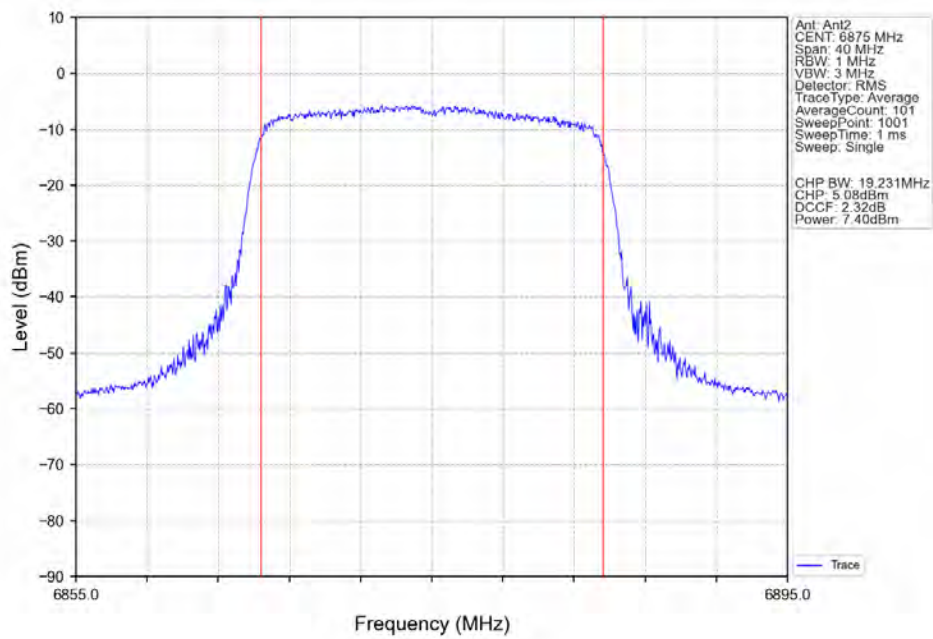
802.11ac(VHT160) HCH 6825MHz Ant2 NTN



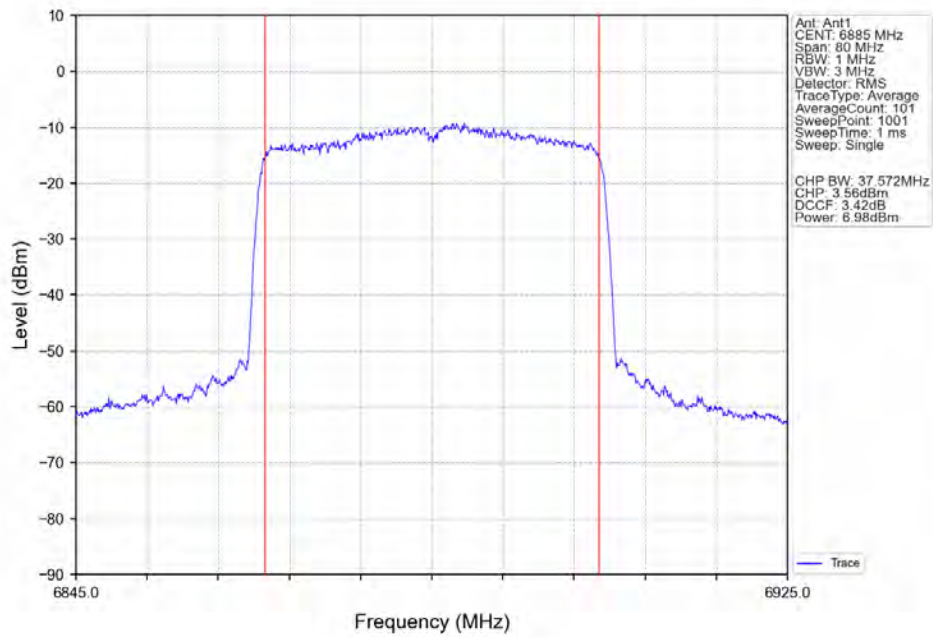
802.11ax(HEW20) HCH 6875MHz SU / Ant1 NTN



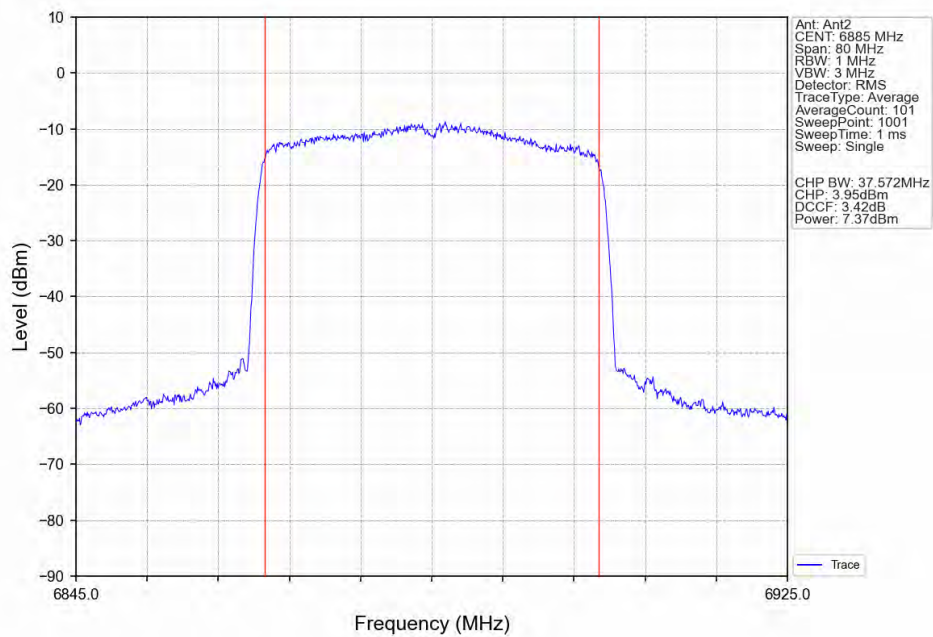
802.11ax(HEW20) HCH 6875MHz SU / Ant2 NTN



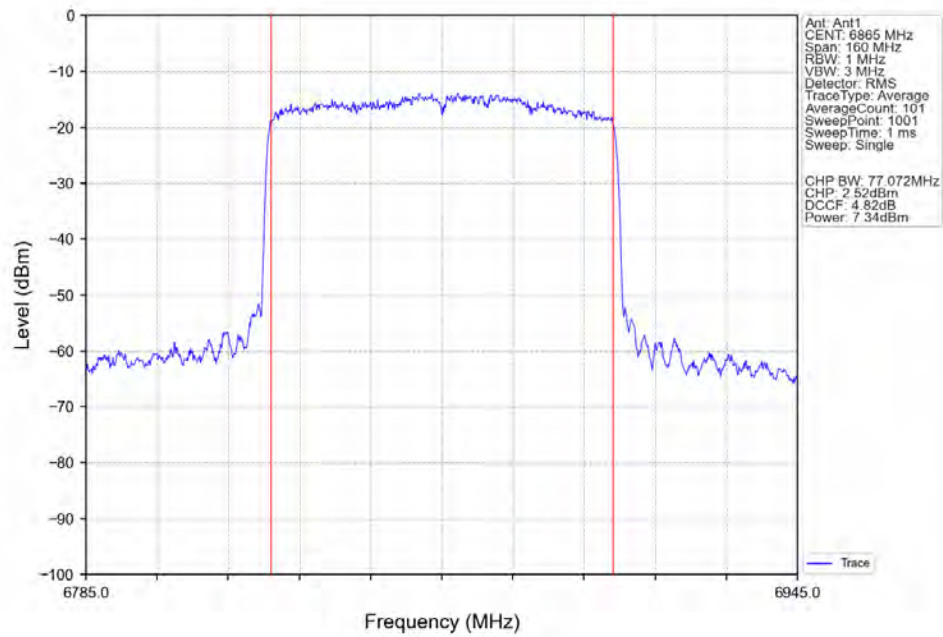
802.11ax(HEW40) HCH 6885MHz SU / Ant1 NTN



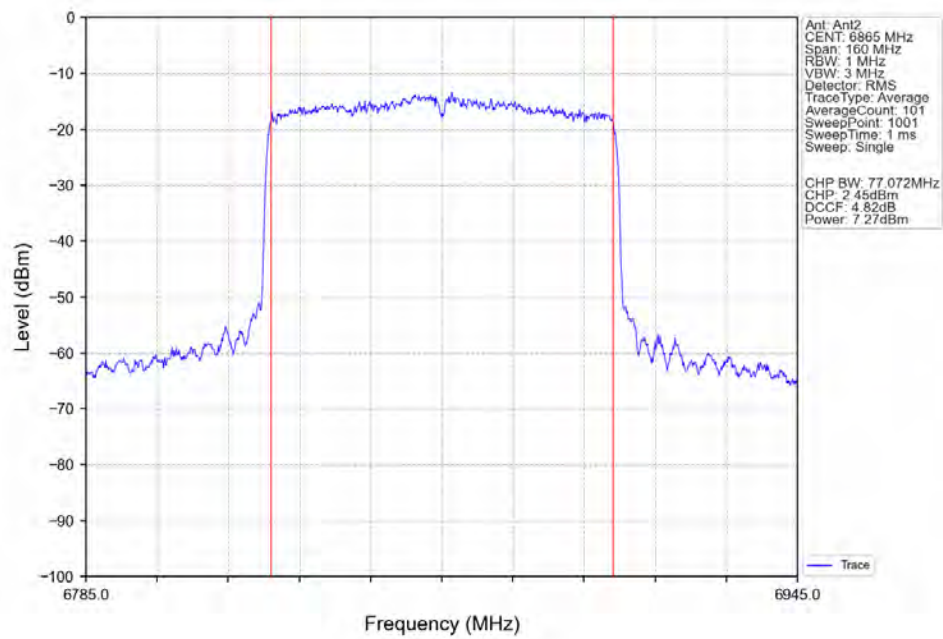
802.11ax(HEW40) HCH 6885MHz SU / Ant2 NTN



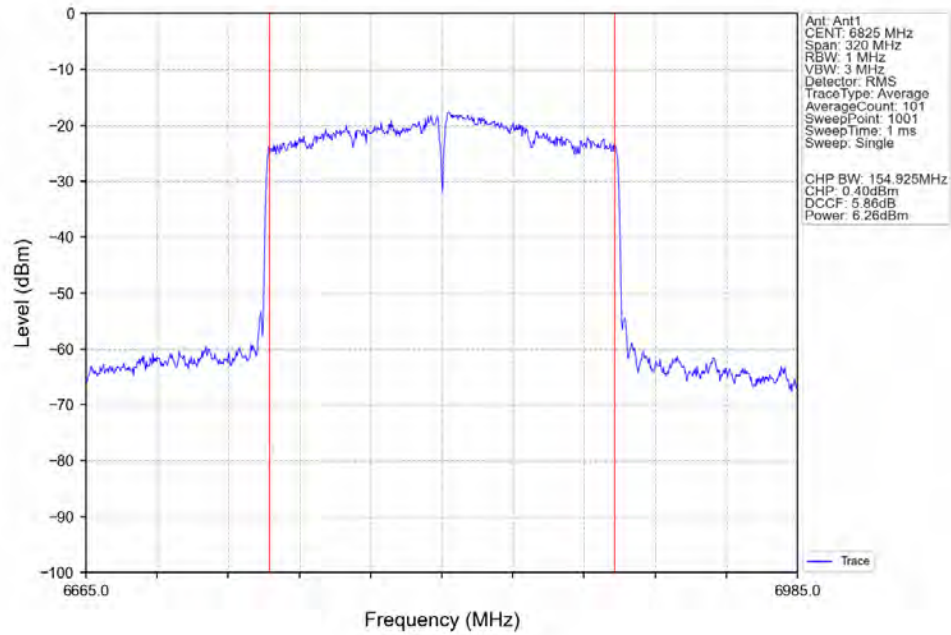
802.11ax(HEW80) HCH 6865MHz SU / Ant1 NTN



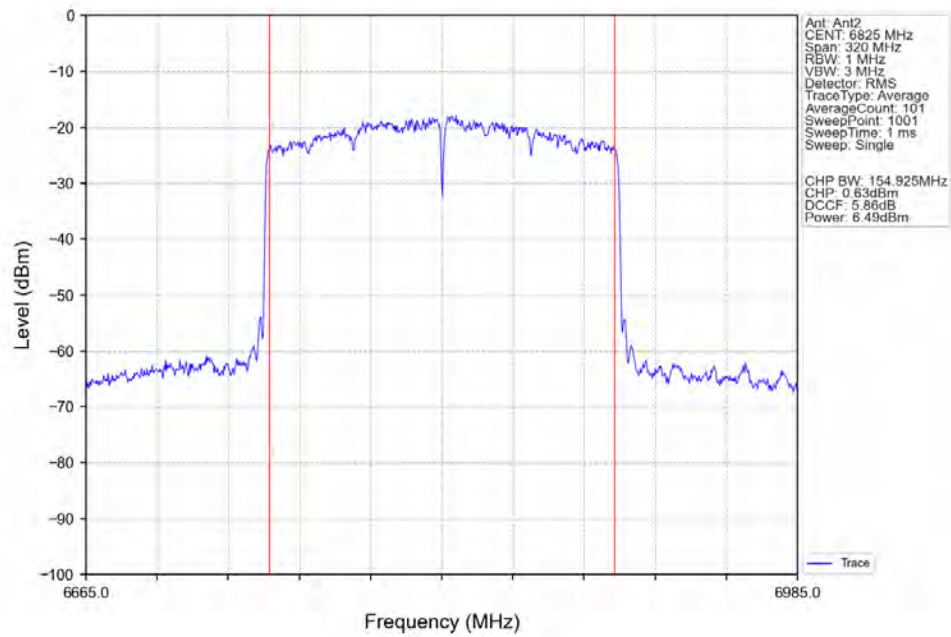
802.11ax(HEW80) HCH 6865MHz SU / Ant2 NTN



802.11ax(HEW160) HCH 6825MHz SU / Ant1 NTN

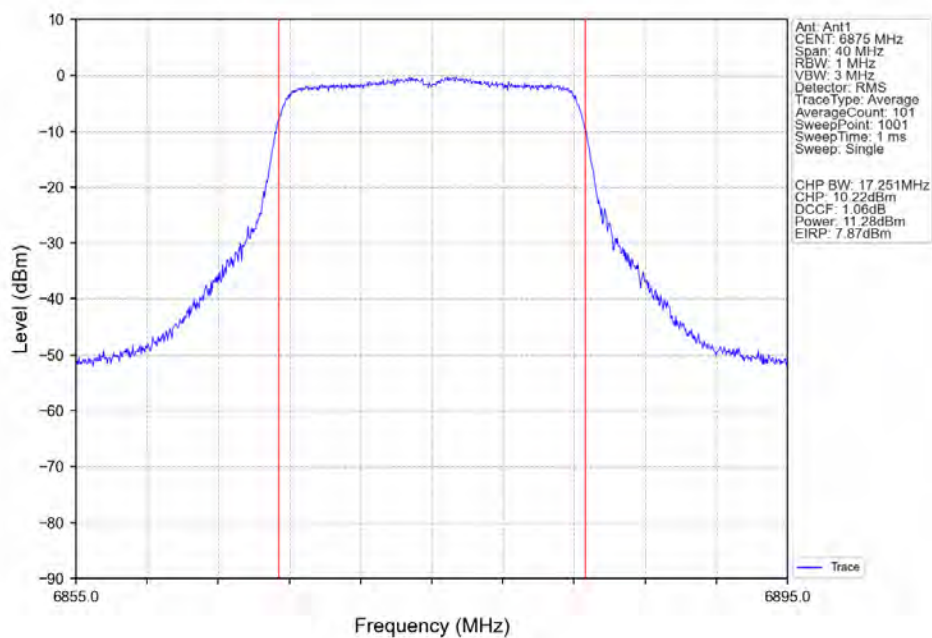


802.11ax(HEW160) HCH 6825MHz SU / Ant2 NTN

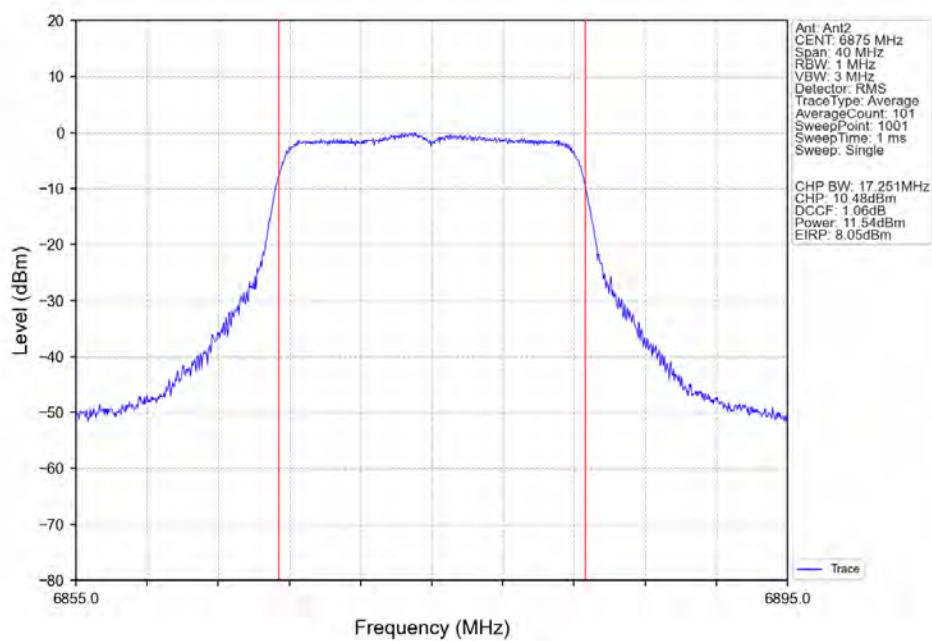


3.2.10 EIRP

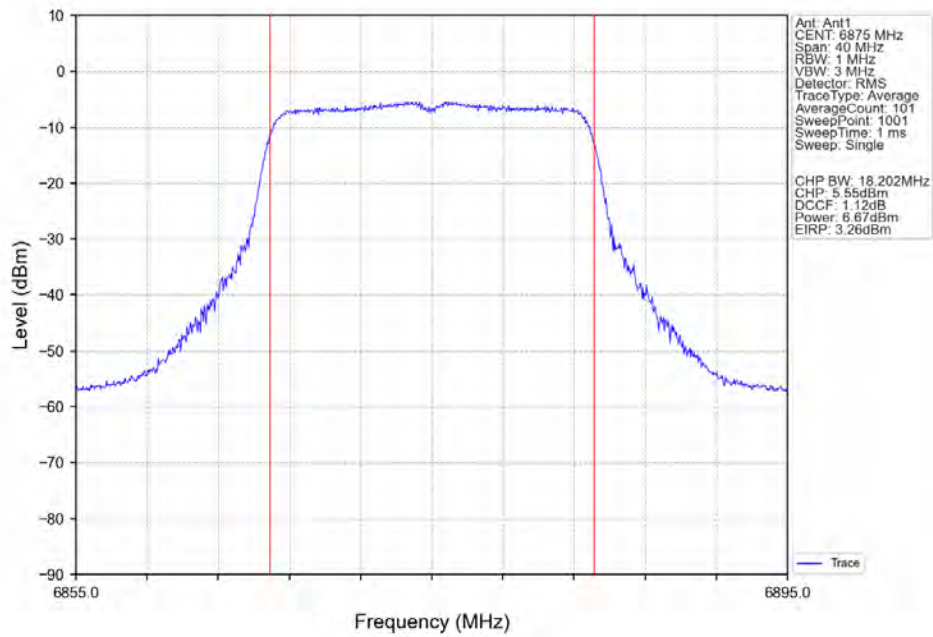
802.11a_HCH_6875MHz_Ant1_NTNV



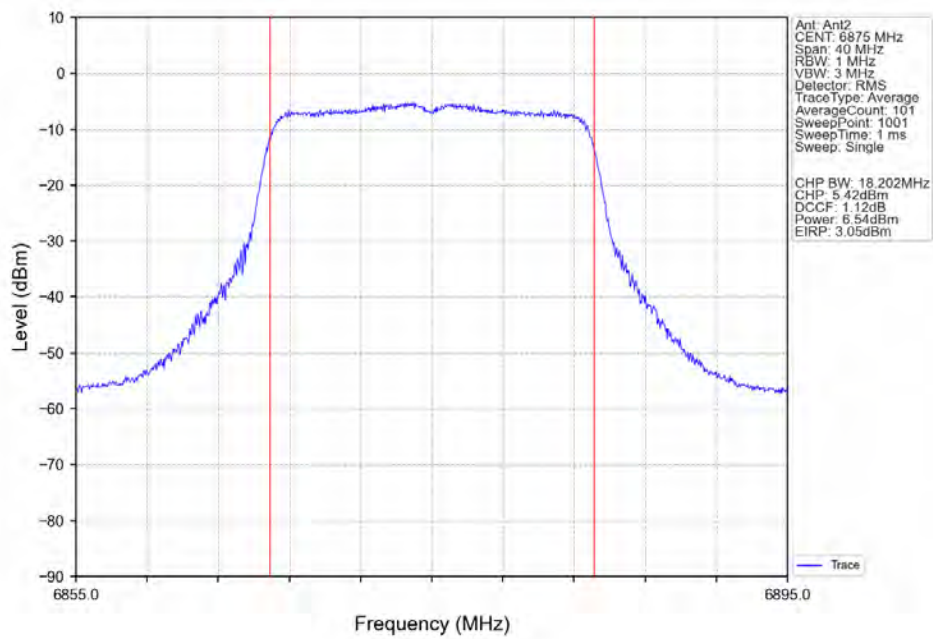
802.11a_HCH_6875MHz_Ant2_NTNV



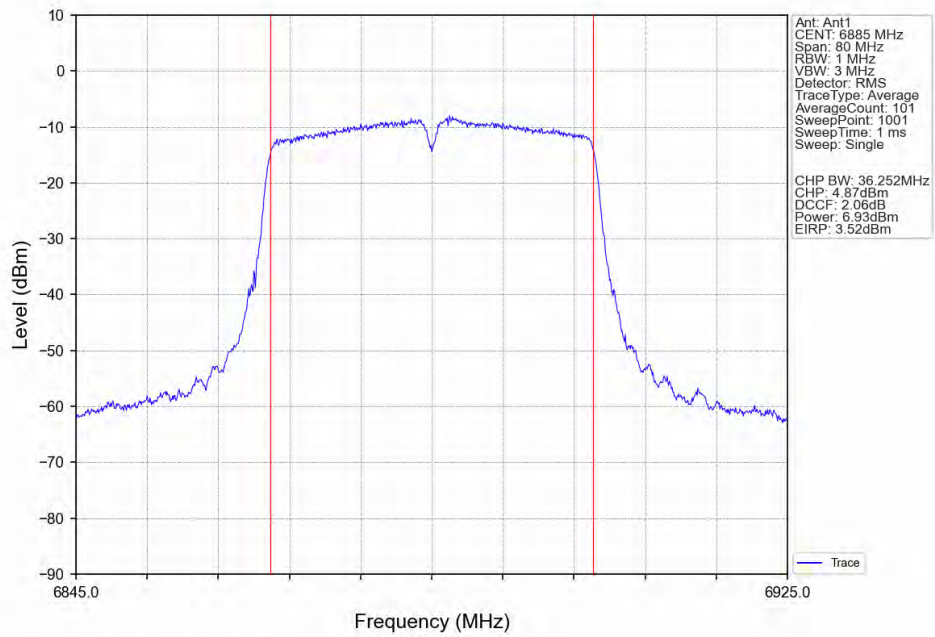
802.11n(HT20) HCH 6875MHz Ant1 NTN



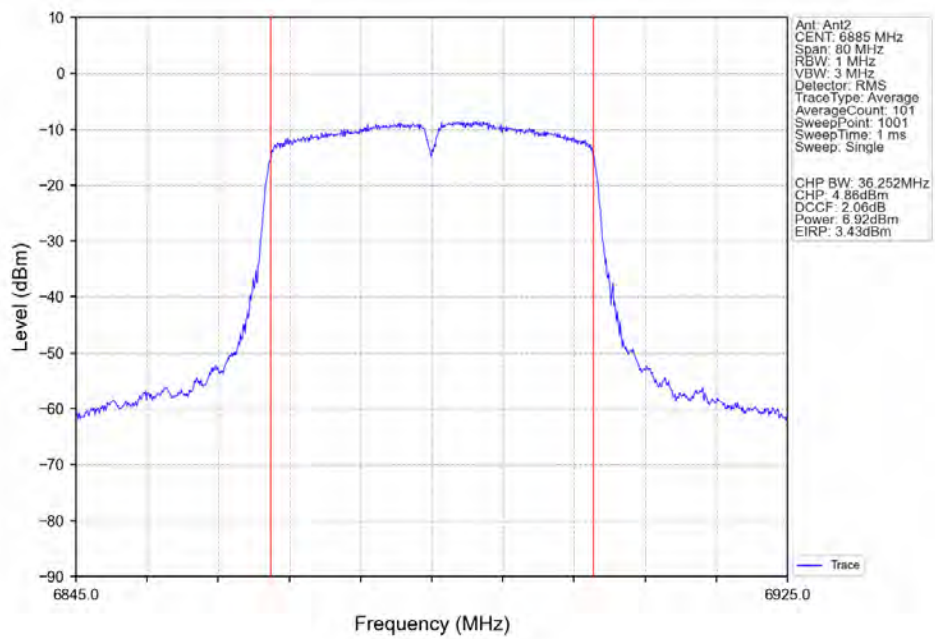
802.11n(HT20) HCH 6875MHz Ant2 NTN



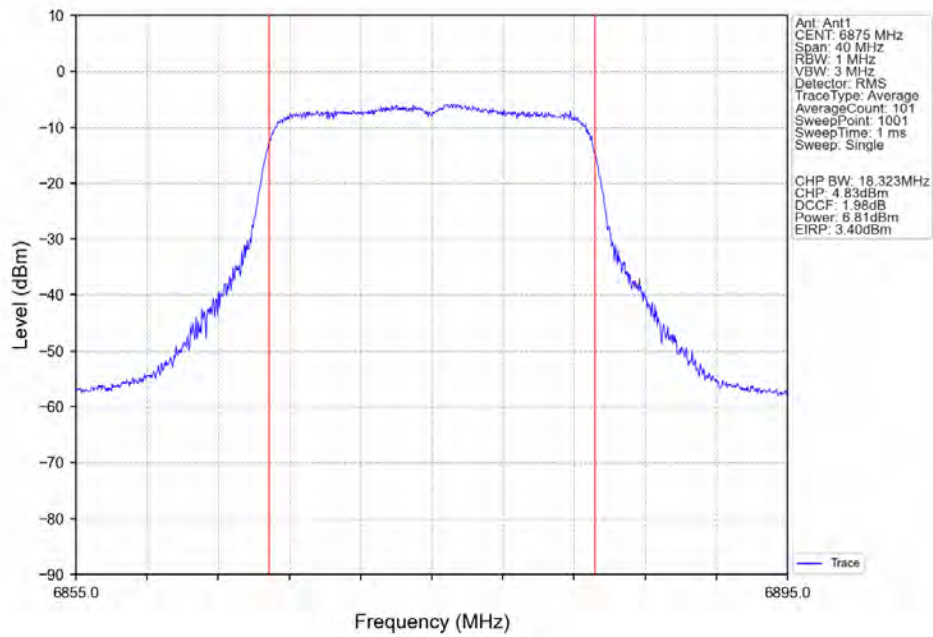
802.11n(HT40) HCH 6885MHz Ant1 NTN



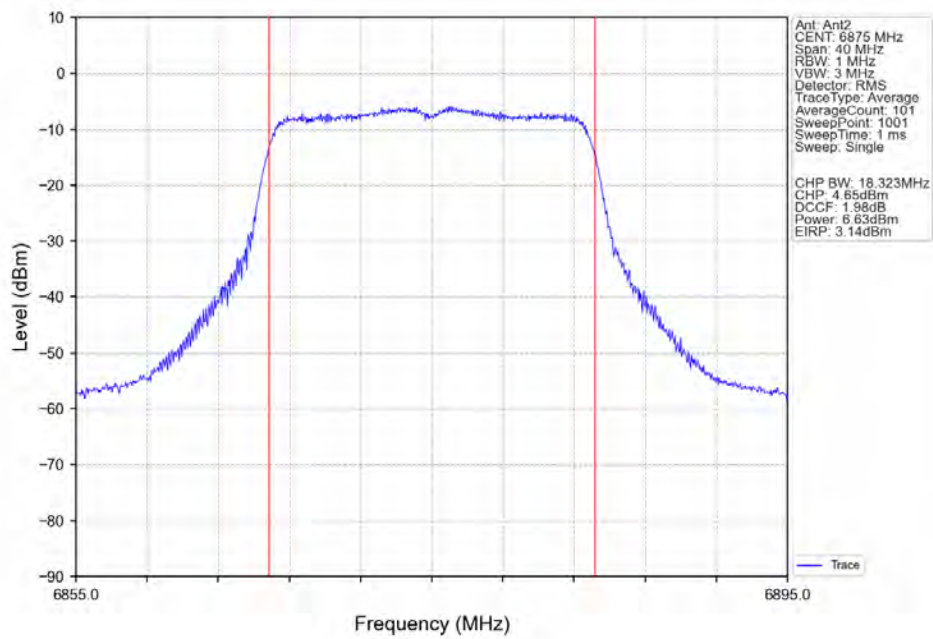
802.11n(HT40) HCH 6885MHz Ant2 NTN



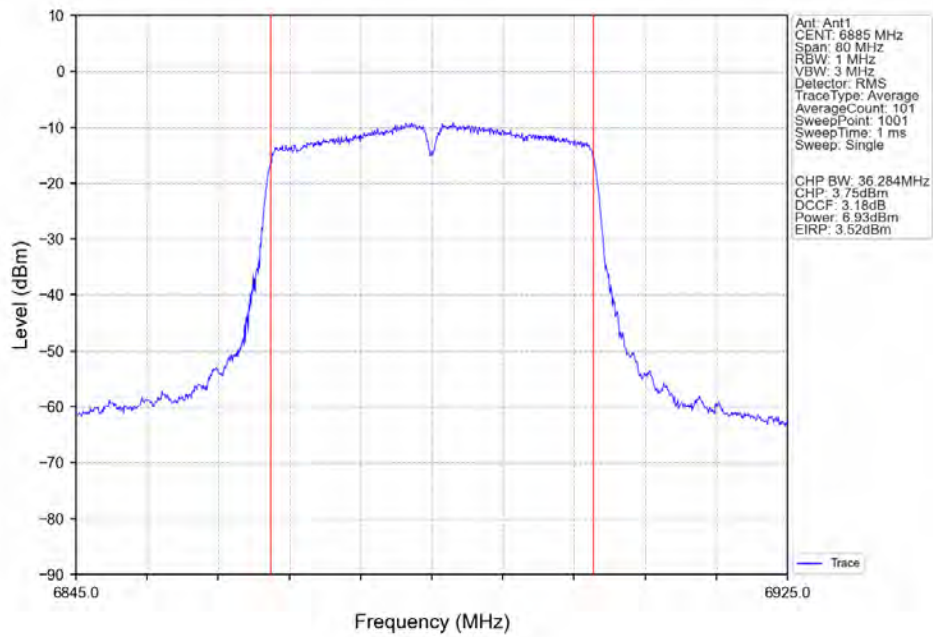
802.11ac(VHT20) HCH 6875MHz Ant1 NTN



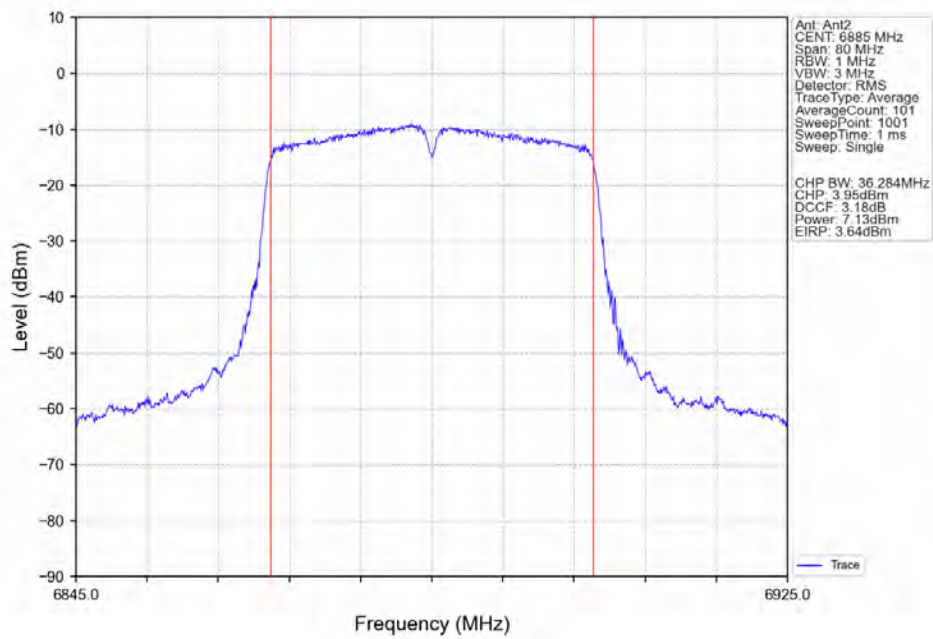
802.11ac(VHT20) HCH 6875MHz Ant2 NTN



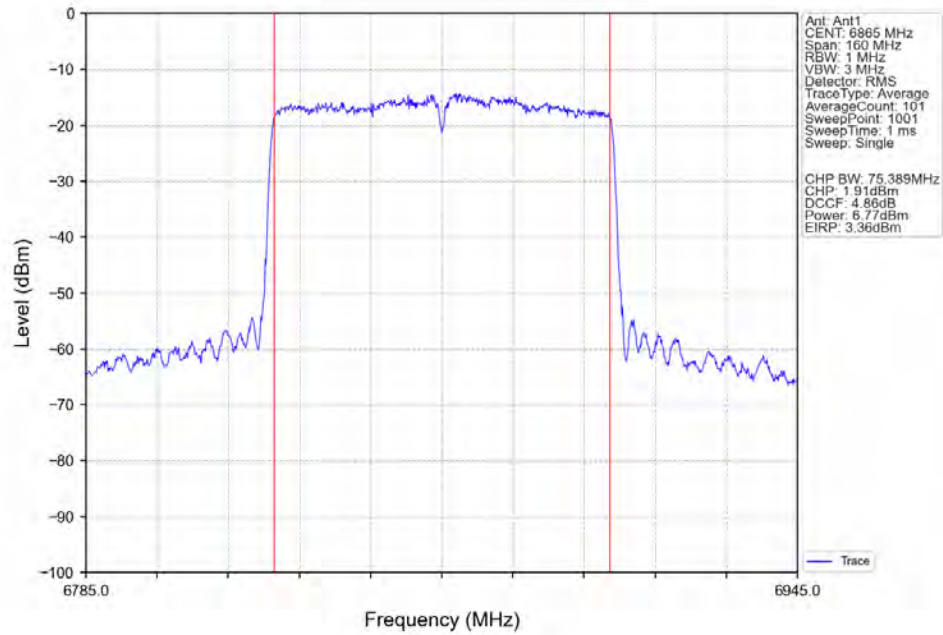
802.11ac(VHT40) HCH 6885MHz Ant1 NTNV



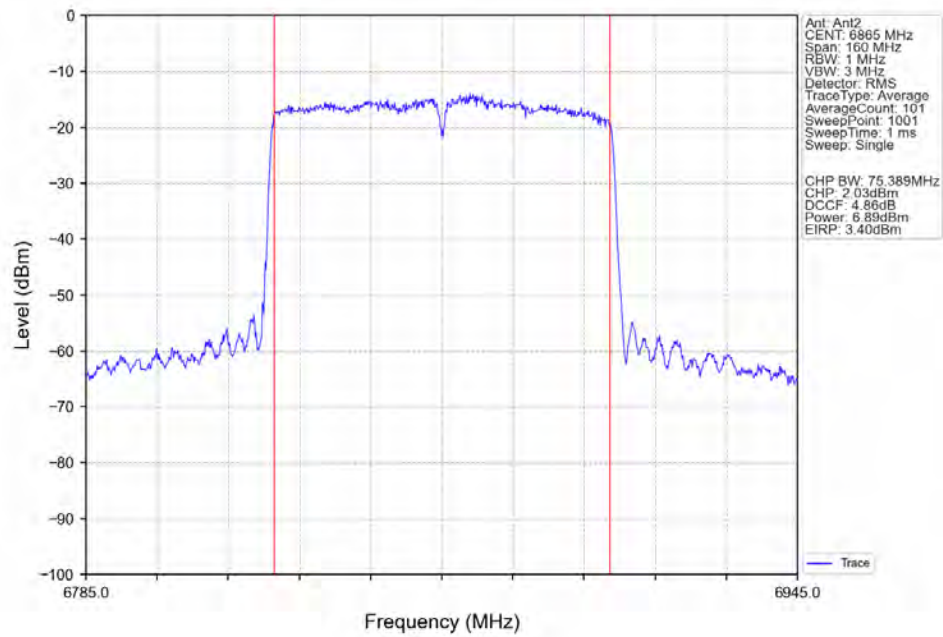
802.11ac(VHT40) HCH 6885MHz Ant2 NTNV



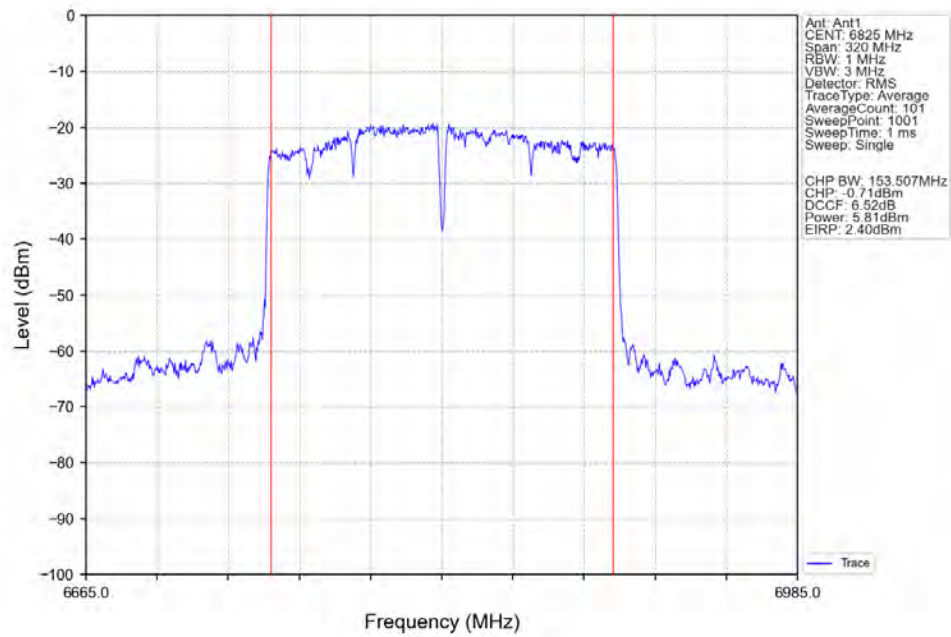
802.11ac(VHT80) HCH 6865MHz Ant1 NTN



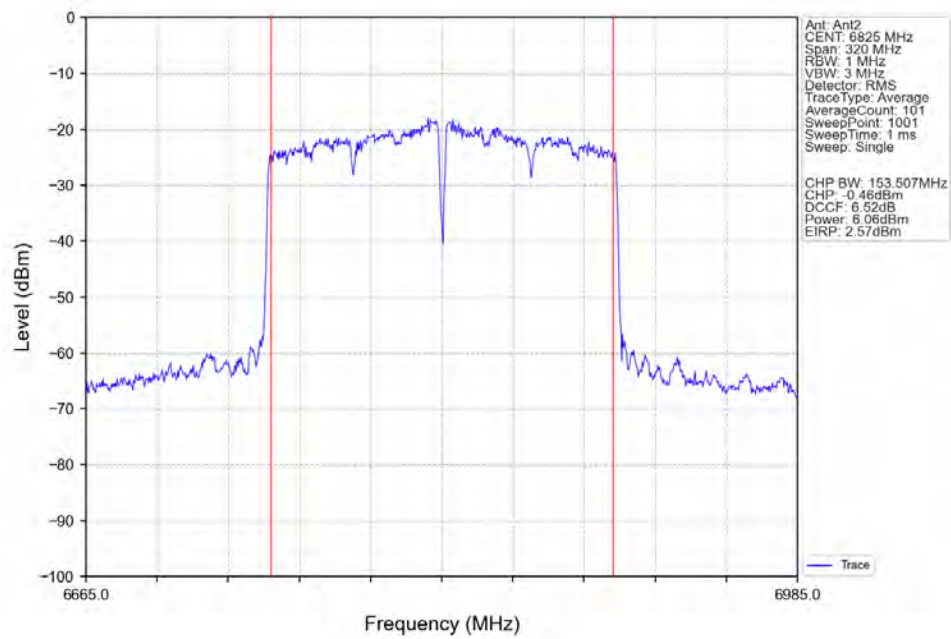
802.11ac(VHT80) HCH 6865MHz Ant2 NTN



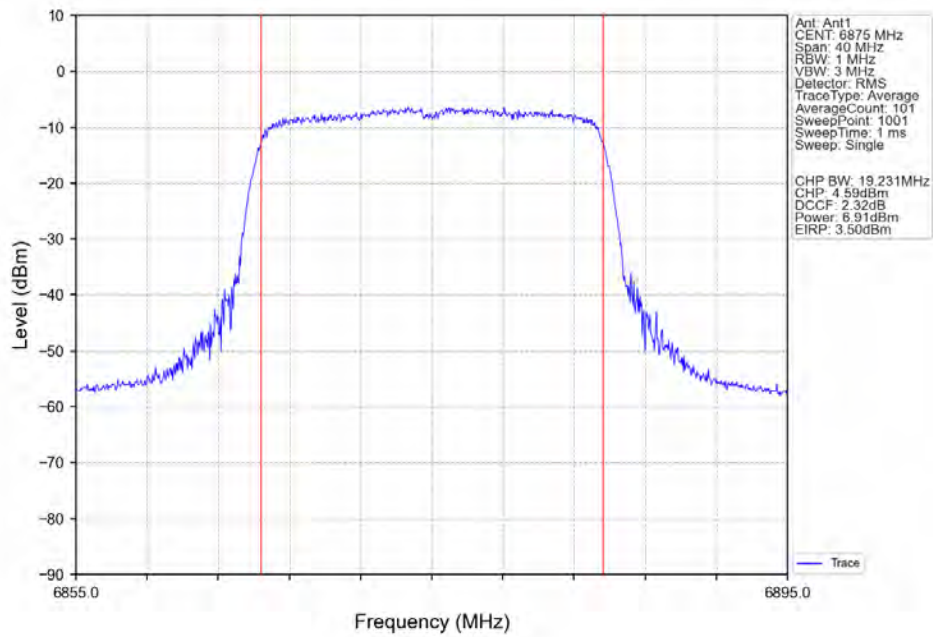
802.11ac(VHT160) HCH 6825MHz Ant1 NTN



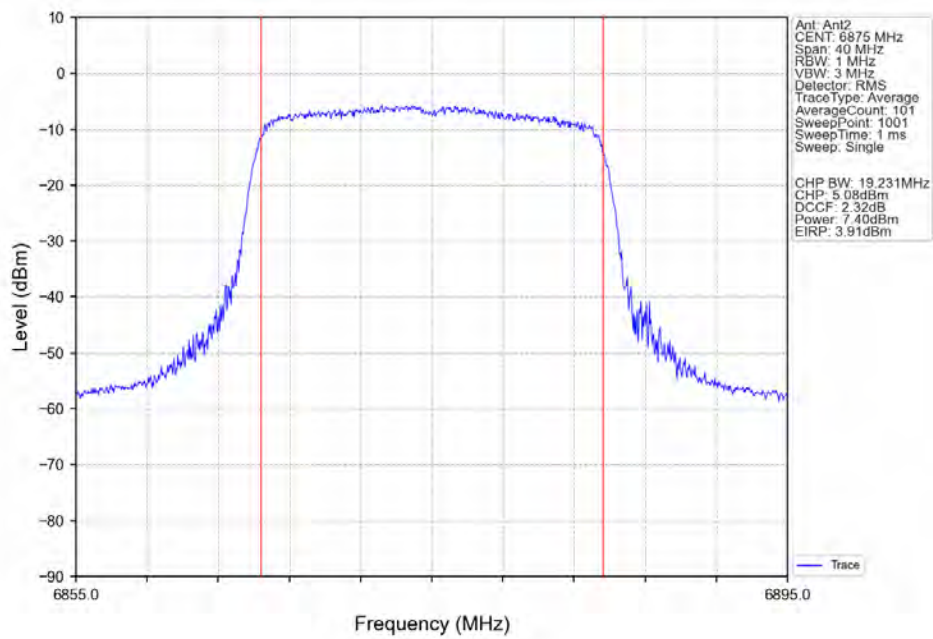
802.11ac(VHT160) HCH 6825MHz Ant2 NTN



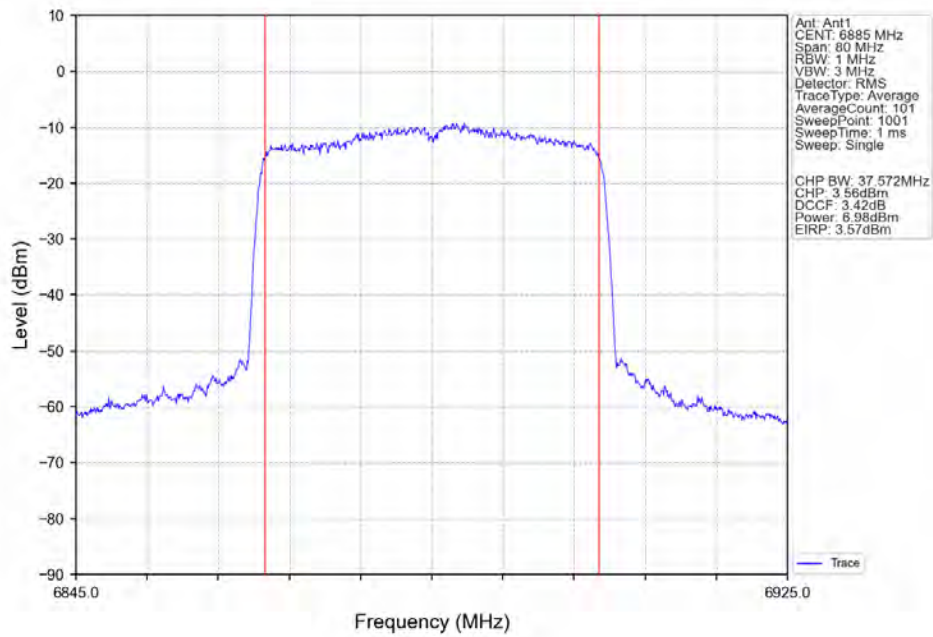
802.11ax(HEW20) HCH 6875MHz SU / Ant1 NTN



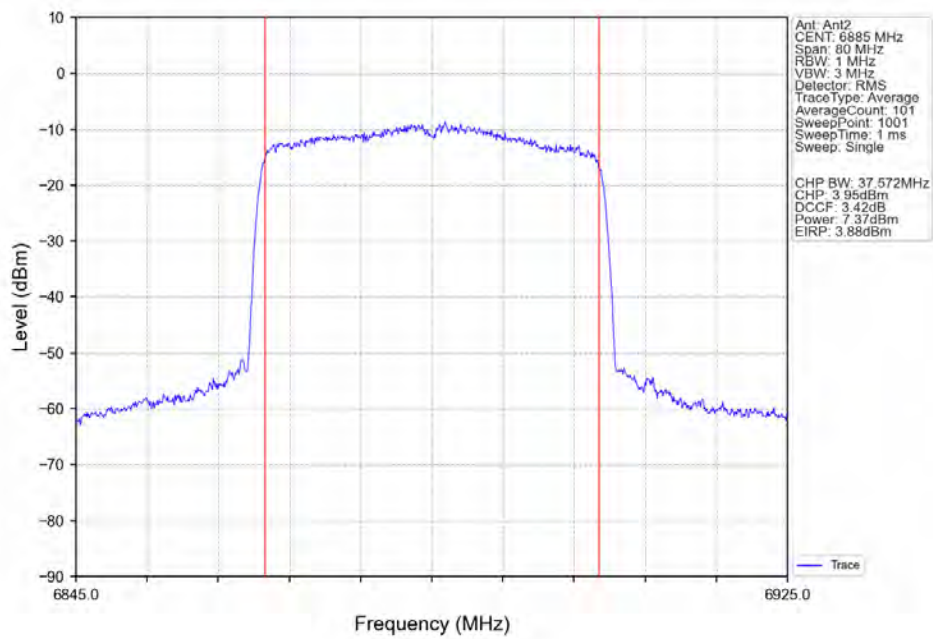
802.11ax(HEW20) HCH 6875MHz SU / Ant2 NTN



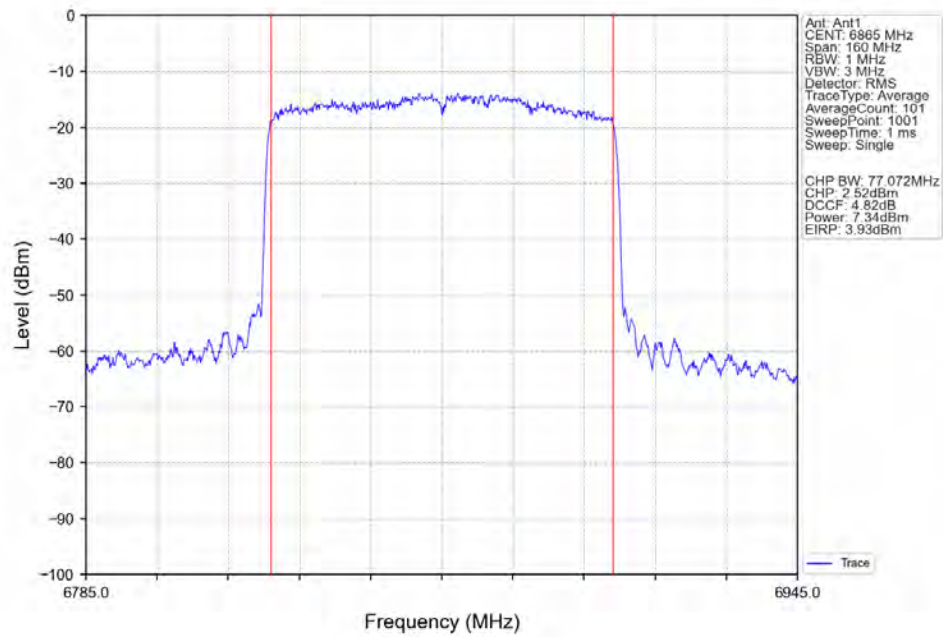
802.11ax(HEW40) HCH 6885MHz SU / Ant1 NTN



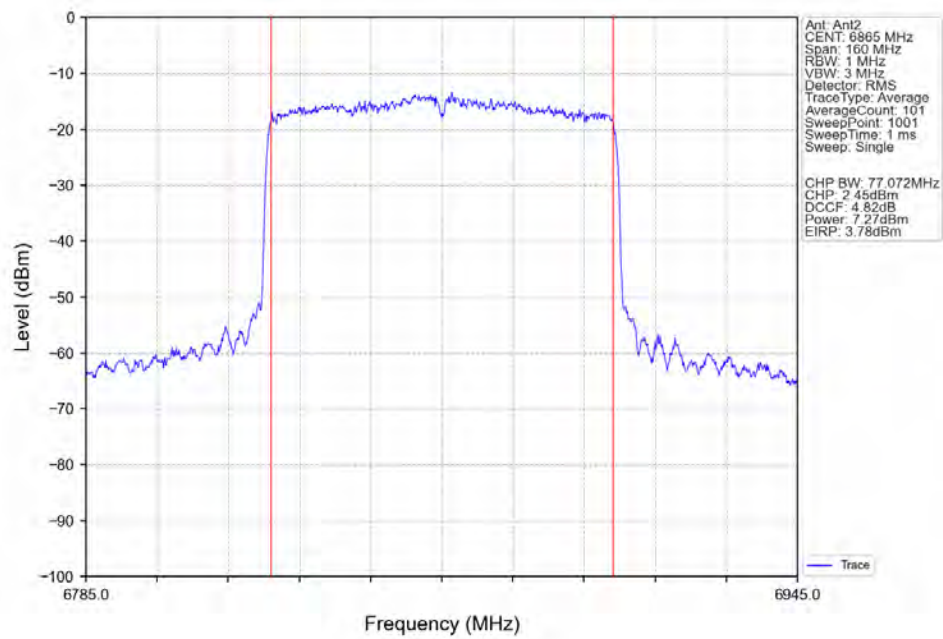
802.11ax(HEW40) HCH 6885MHz SU / Ant2 NTN



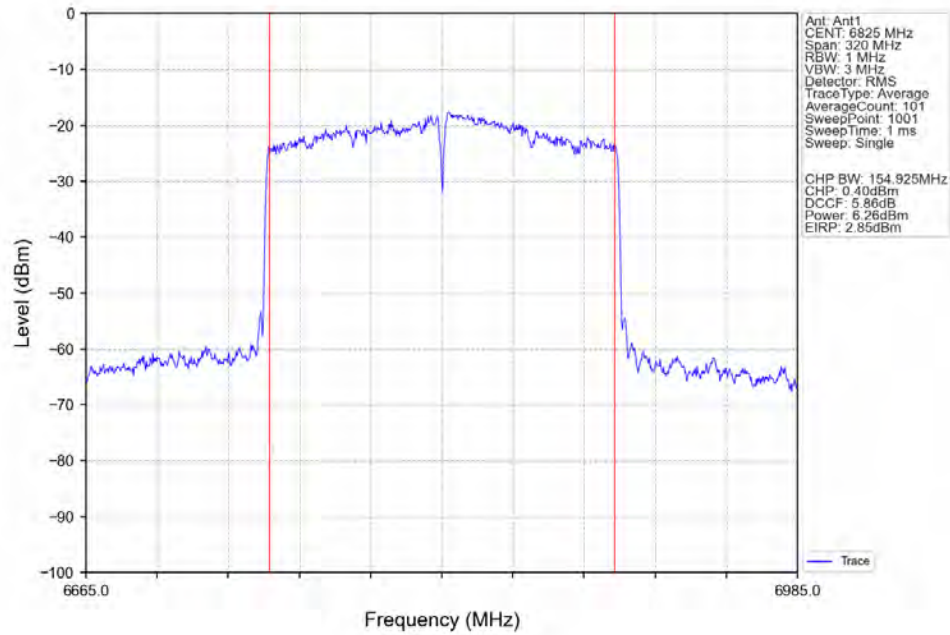
802.11ax(HEW80) HCH 6865MHz SU / Ant1 NTN



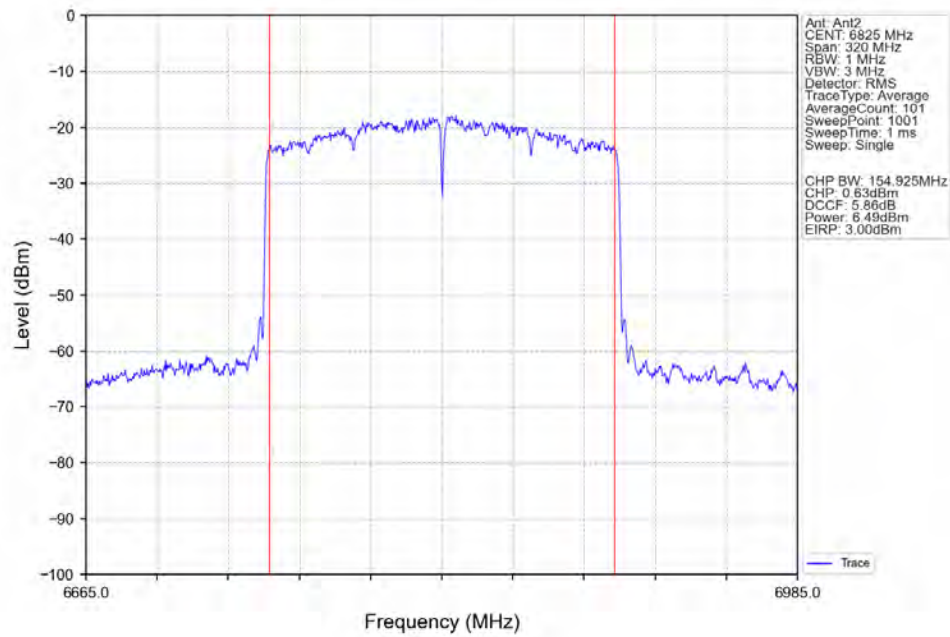
802.11ax(HEW80) HCH 6865MHz SU / Ant2 NTN



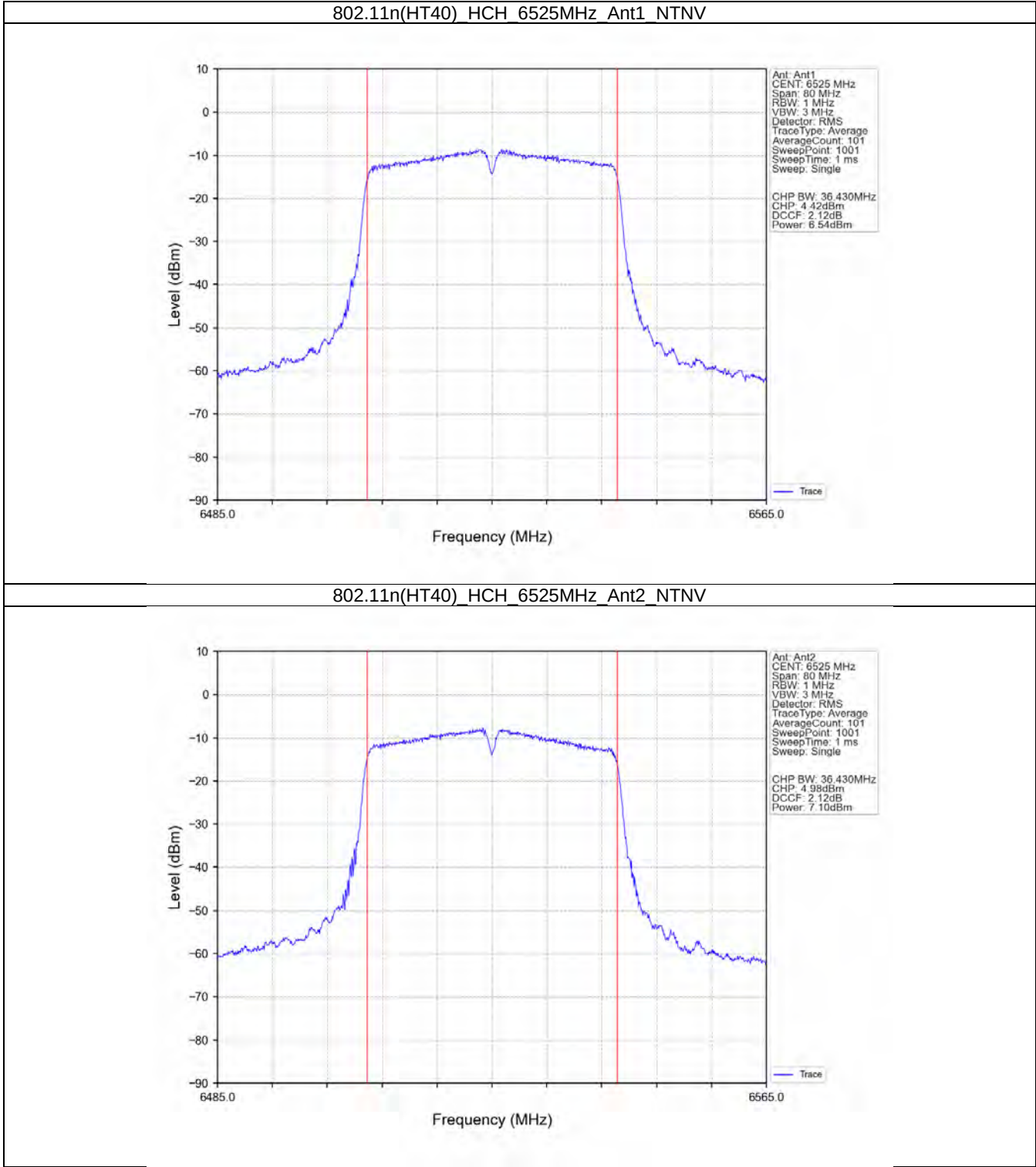
802.11ax(HEW160) HCH 6825MHz SU / Ant1 NTN



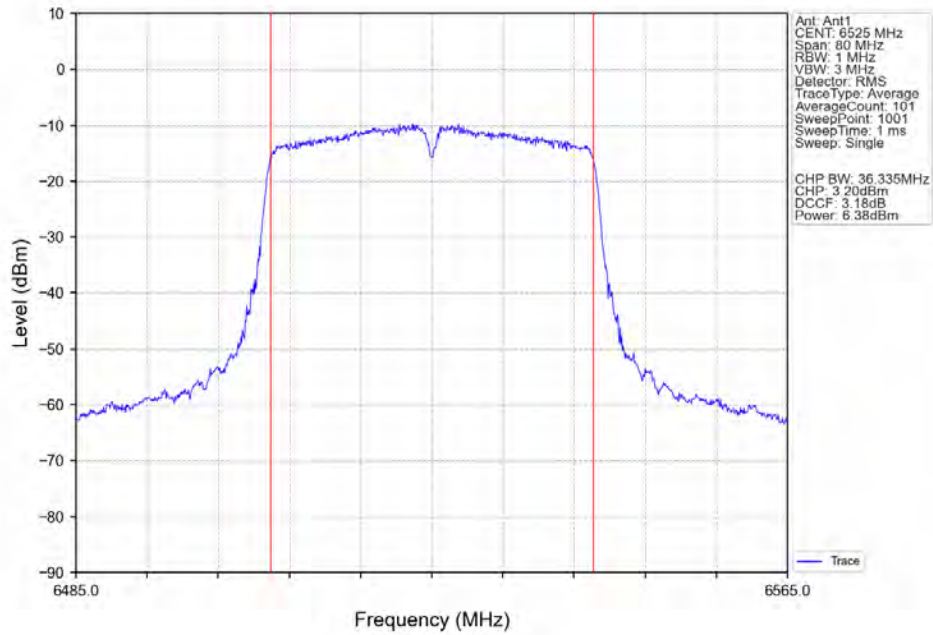
802.11ax(HEW160) HCH 6825MHz SU / Ant2 NTN



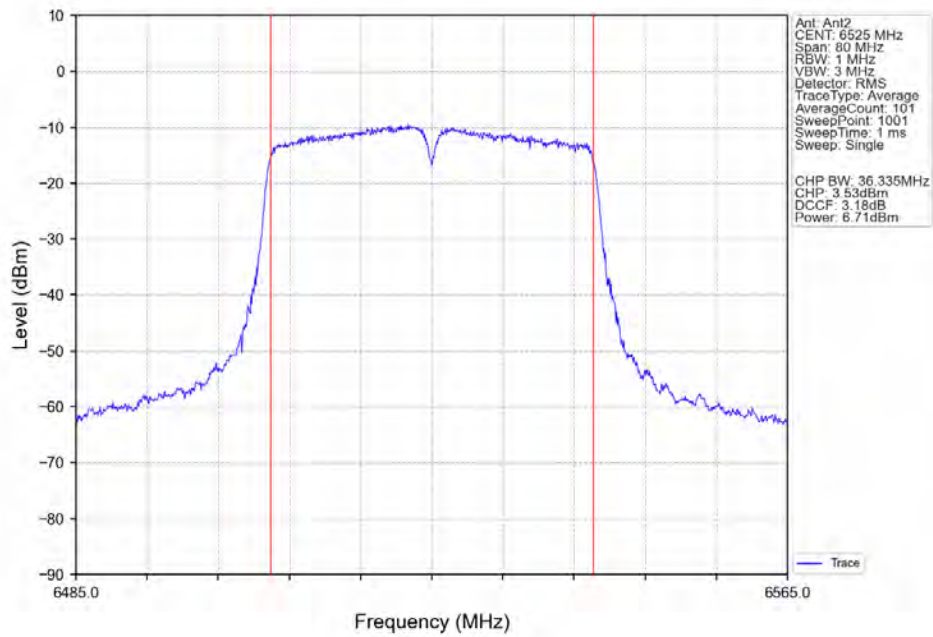
3.2.11 Power



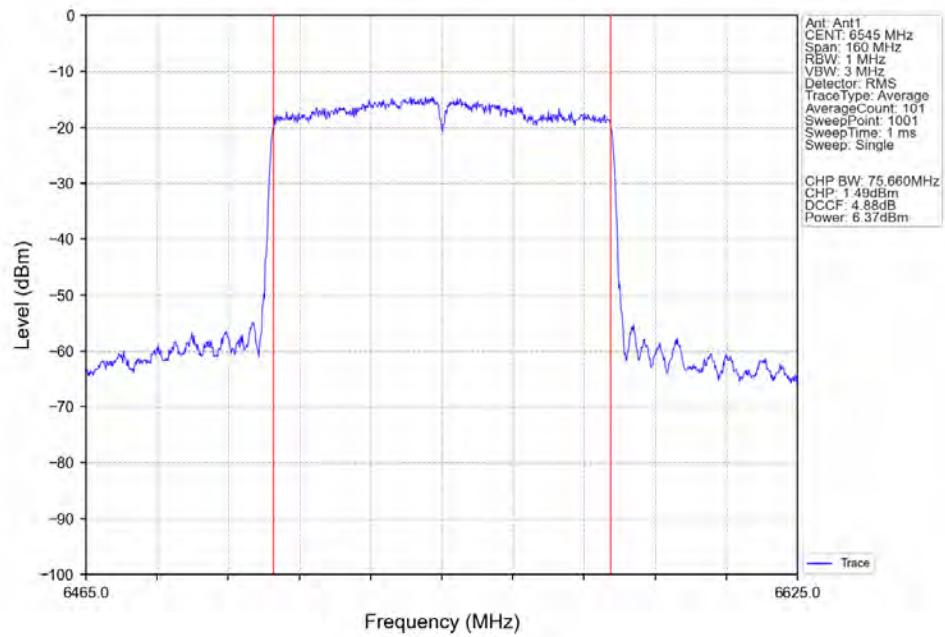
802.11ac(VHT40) HCH 6525MHz Ant1 NTN



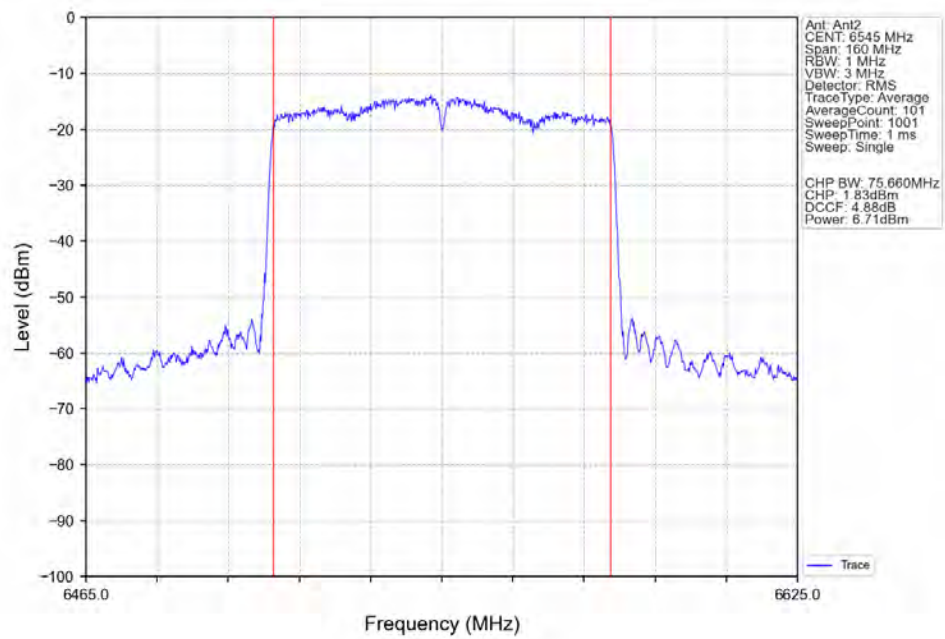
802.11ac(VHT40) HCH 6525MHz Ant2 NTN



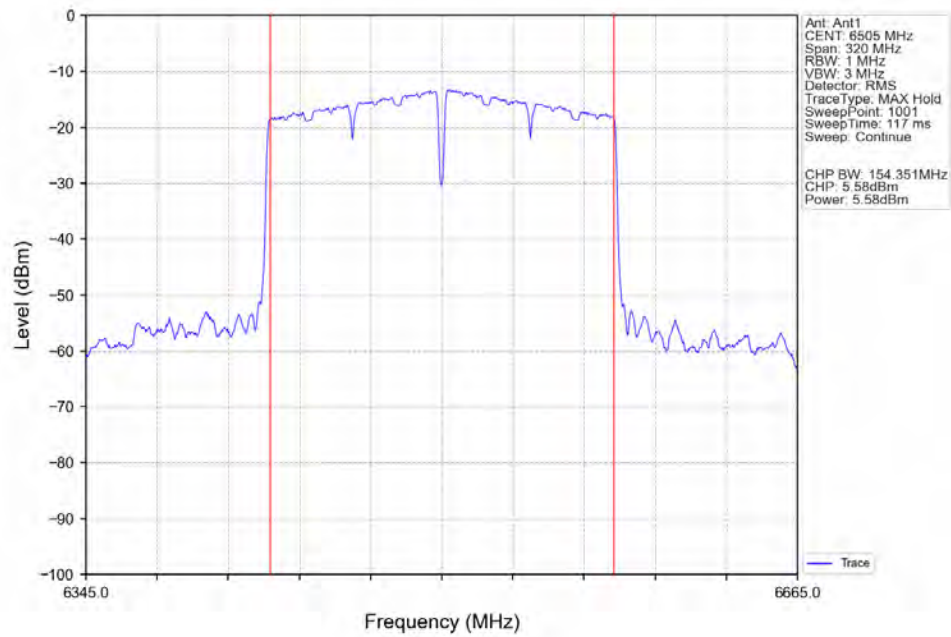
802.11ac(VHT80) HCH 6545MHz Ant1 NTN



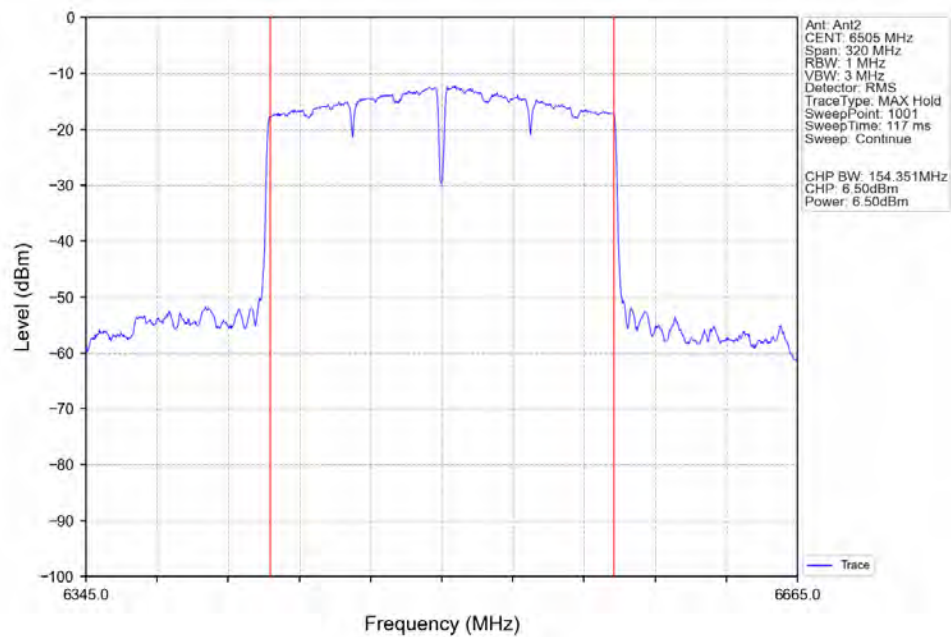
802.11ac(VHT80) HCH 6545MHz Ant2 NTN



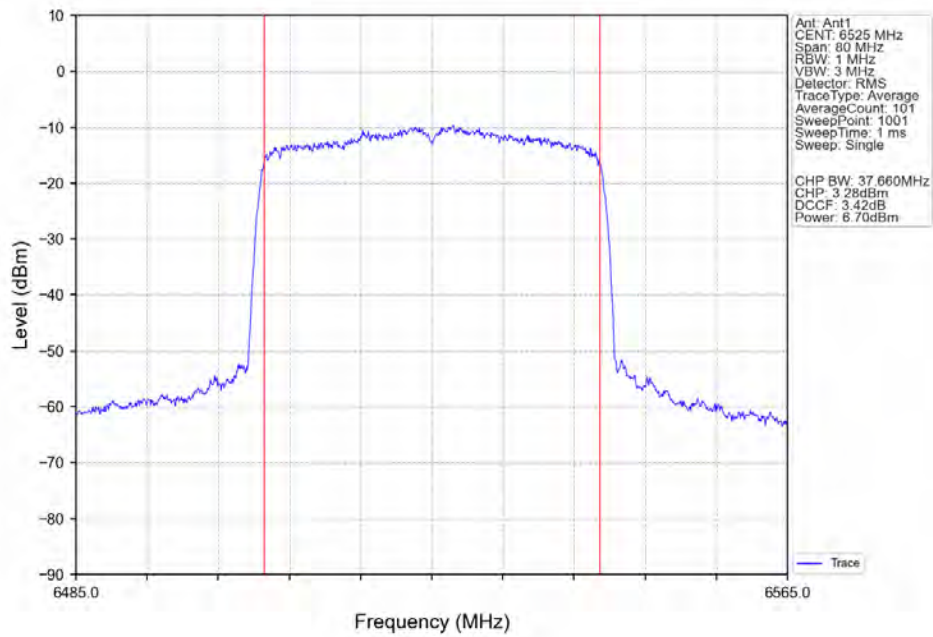
802.11ac(VHT160) HCH 6505MHz Ant1 NTN



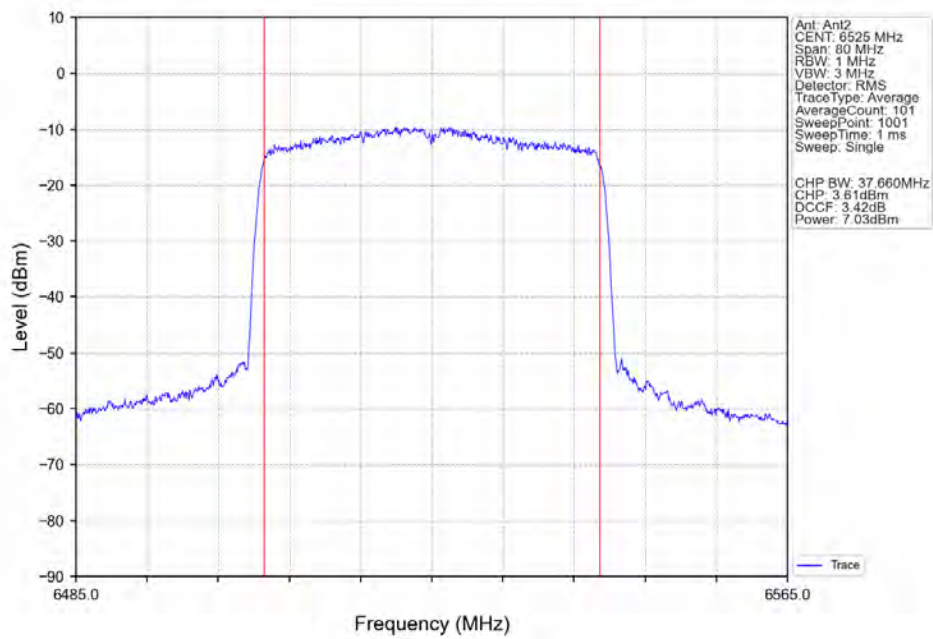
802.11ac(VHT160) HCH 6505MHz Ant2 NTN



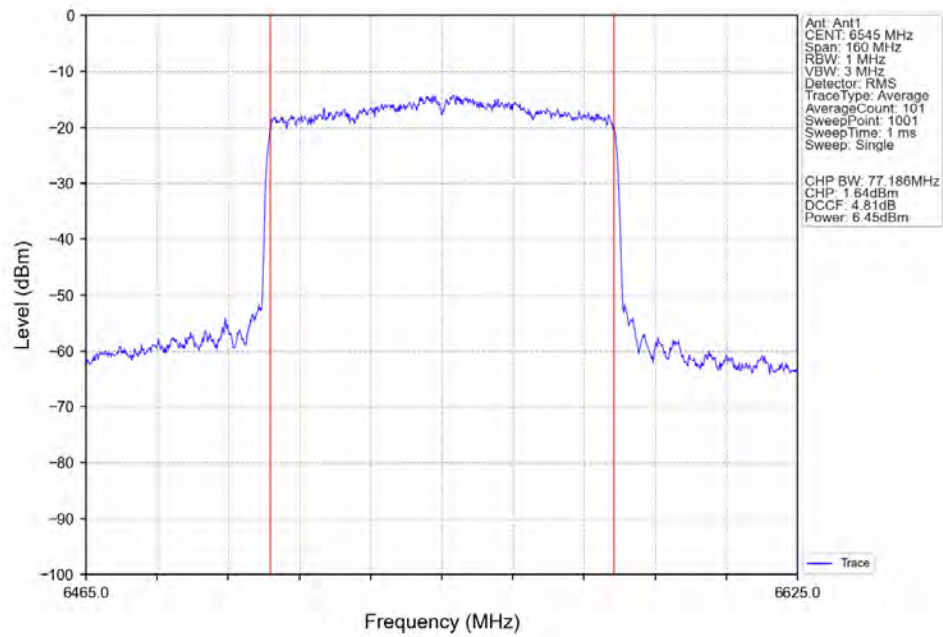
802.11ax(HEW40) HCH 6525MHz SU / Ant1 NTN



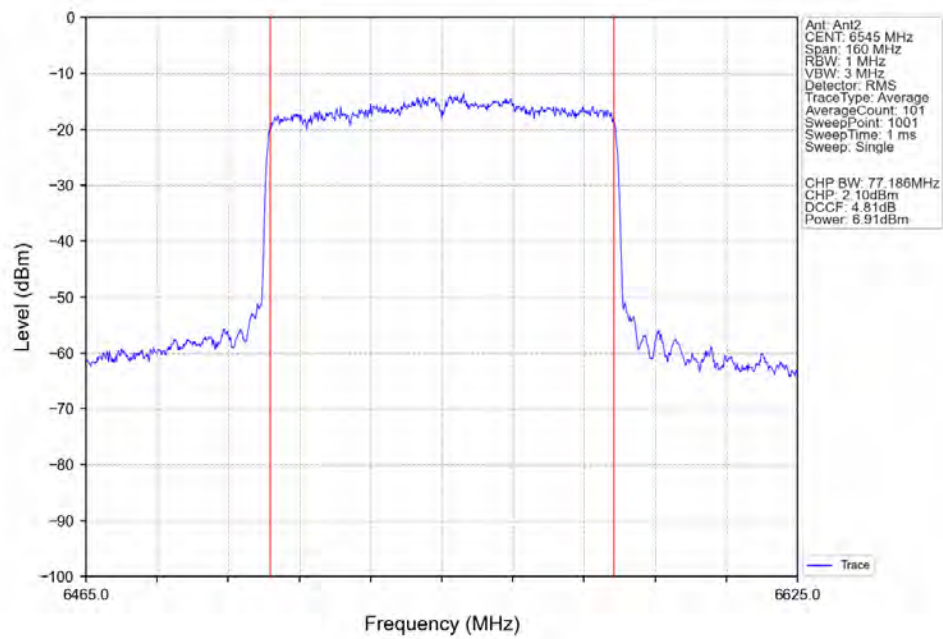
802.11ax(HEW40) HCH 6525MHz SU / Ant2 NTN



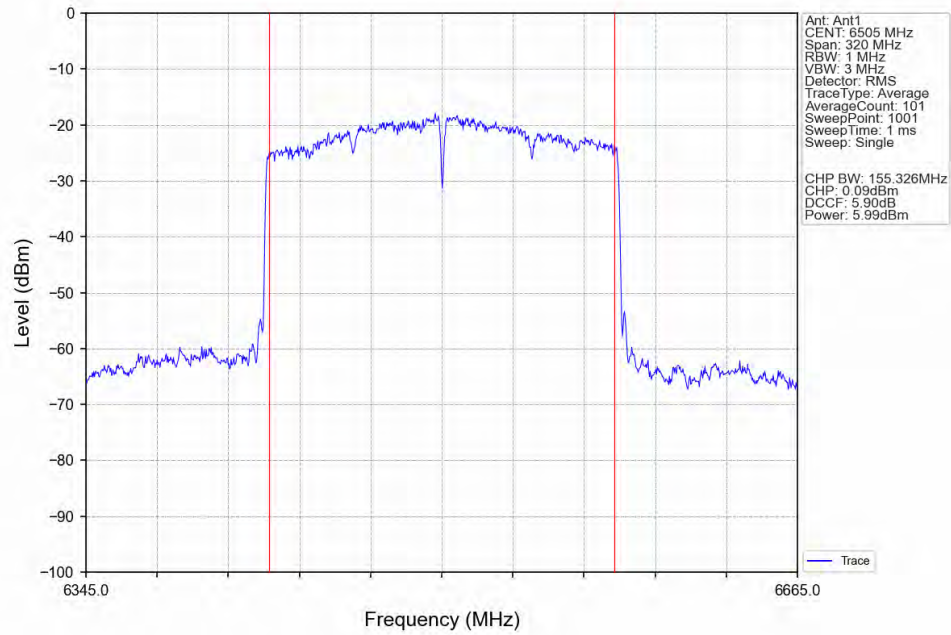
802.11ax(HEW80) HCH 6545MHz SU / Ant1 NTN



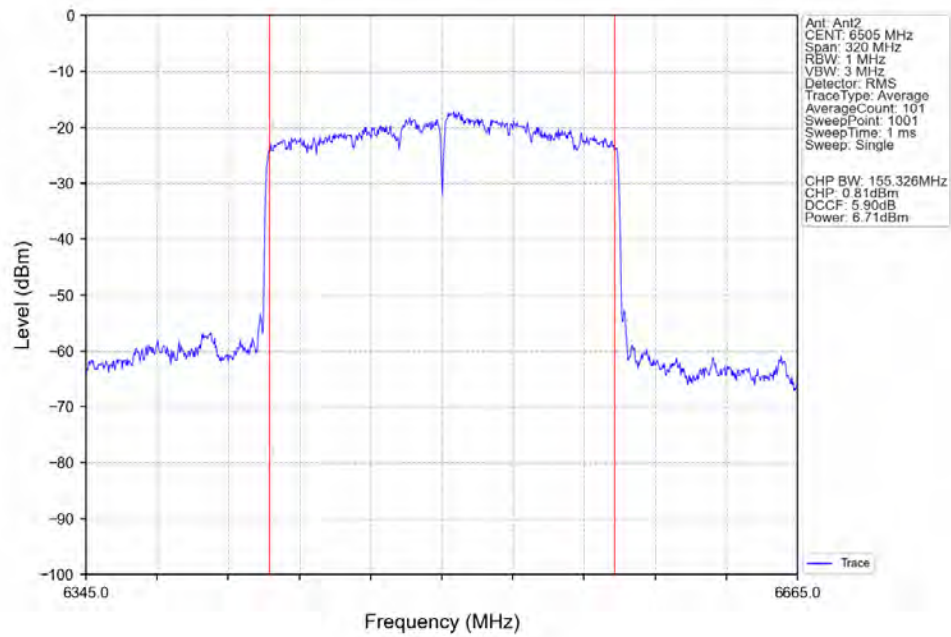
802.11ax(HEW80) HCH 6545MHz SU / Ant2 NTN



802.11ax(HEW160) HCH 6505MHz SU / Ant1 NTN

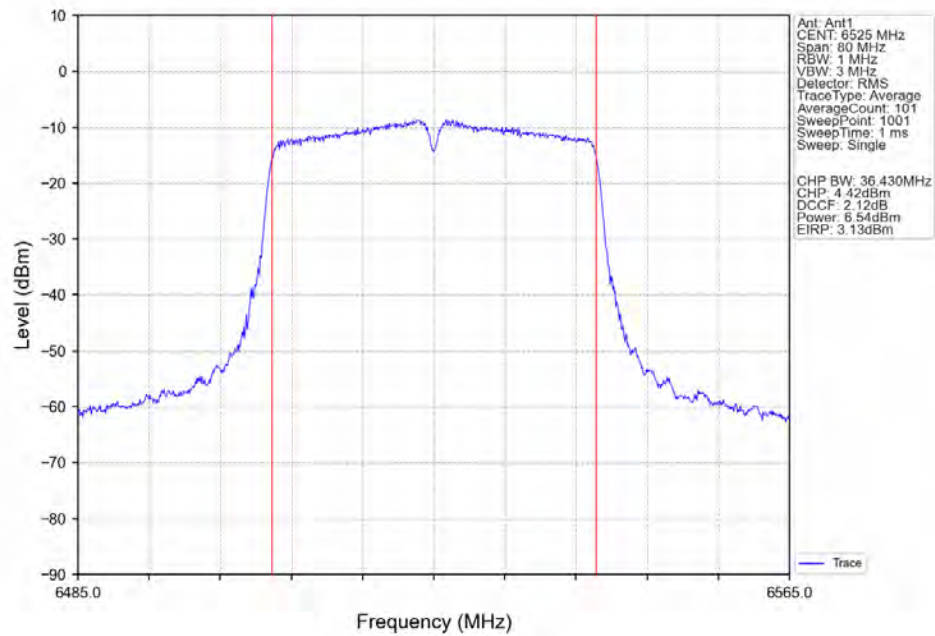


802.11ax(HEW160) HCH 6505MHz SU / Ant2 NTN

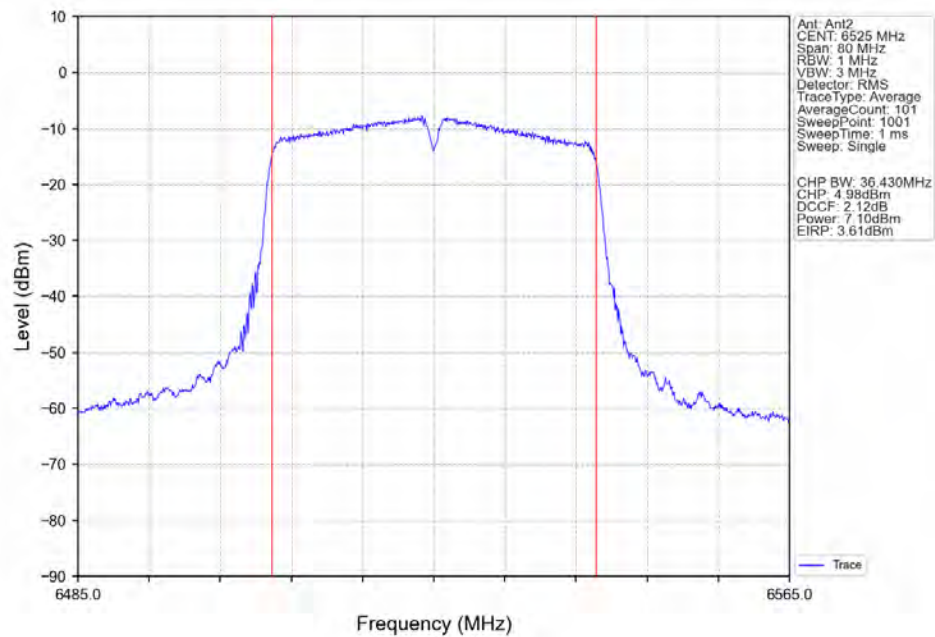


3.2.12 EIRP

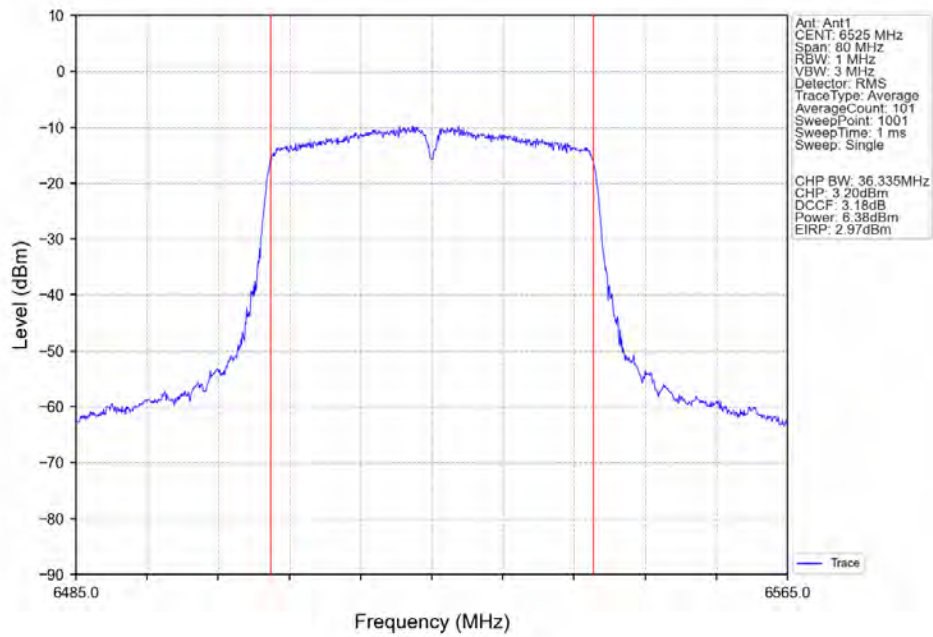
802.11n(HT40) HCH 6525MHz Ant1 NTN



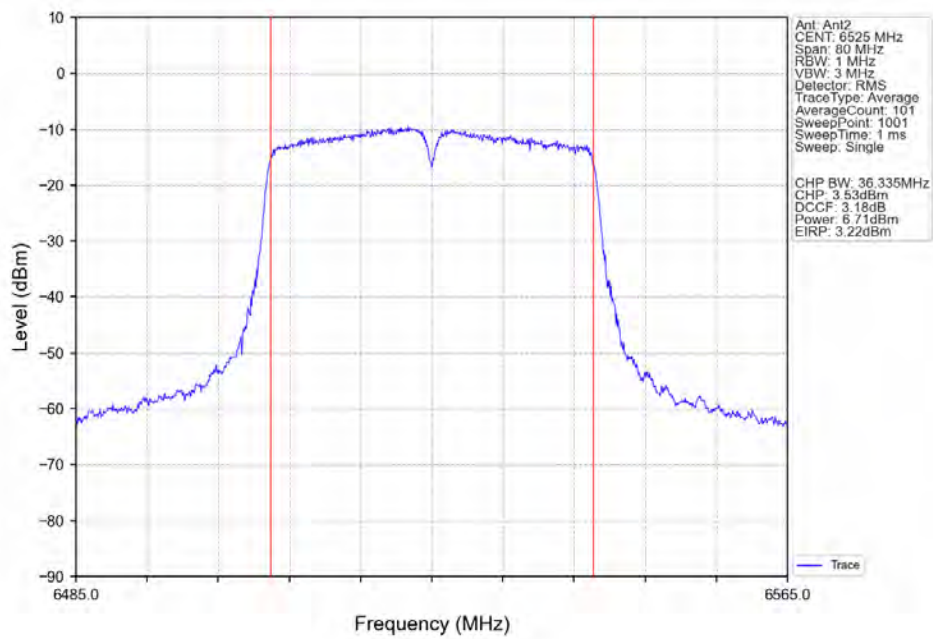
802.11n(HT40) HCH 6525MHz Ant2 NTN



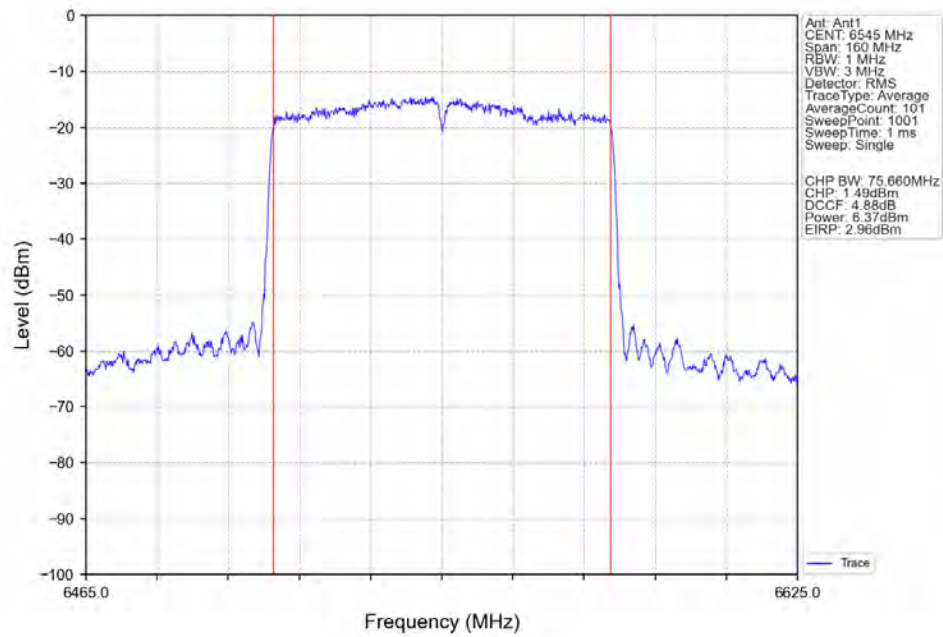
802.11ac(VHT40) HCH 6525MHz Ant1 NTV



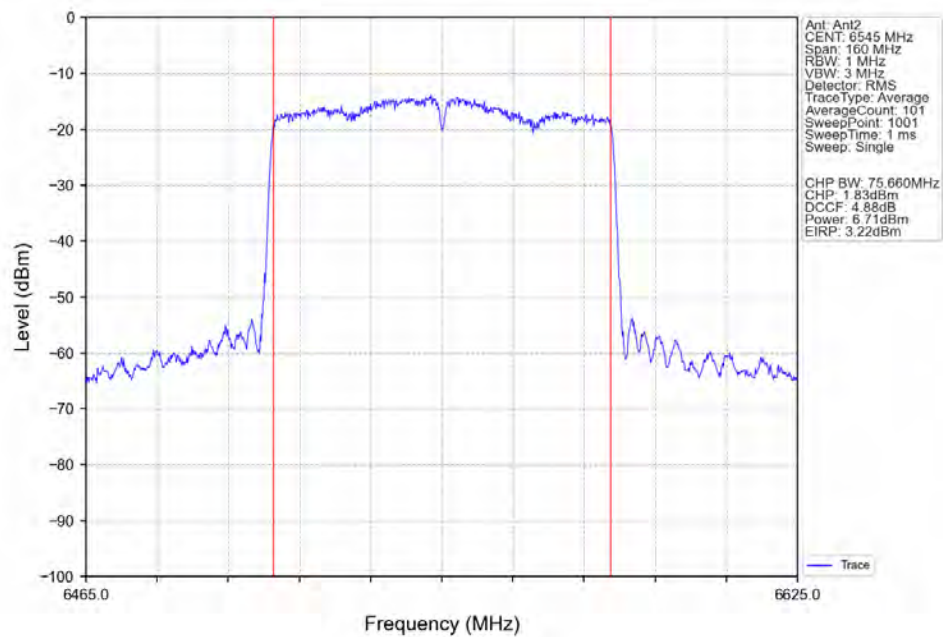
802.11ac(VHT40) HCH 6525MHz Ant2 NTV



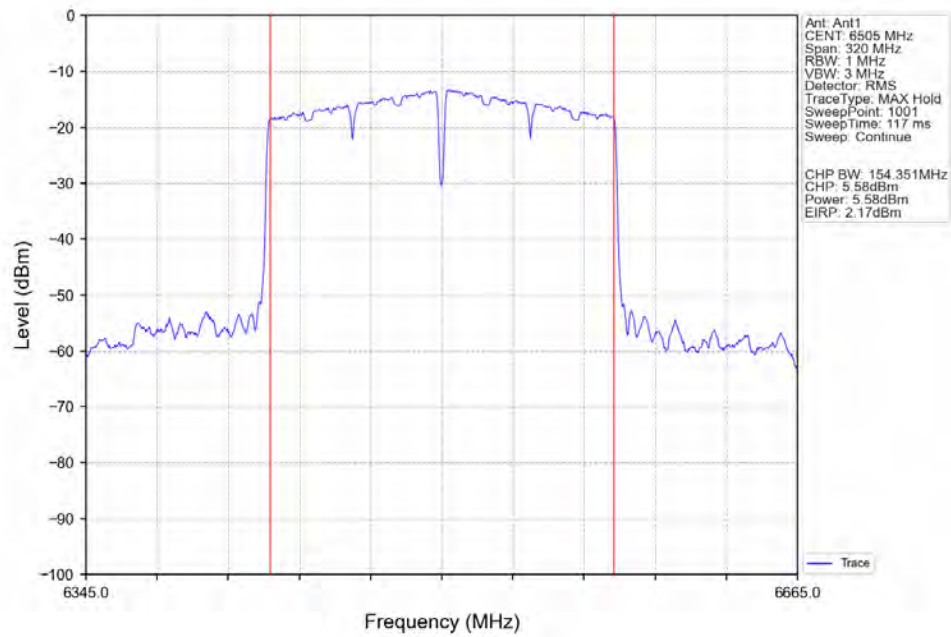
802.11ac(VHT80) HCH 6545MHz Ant1 NTV



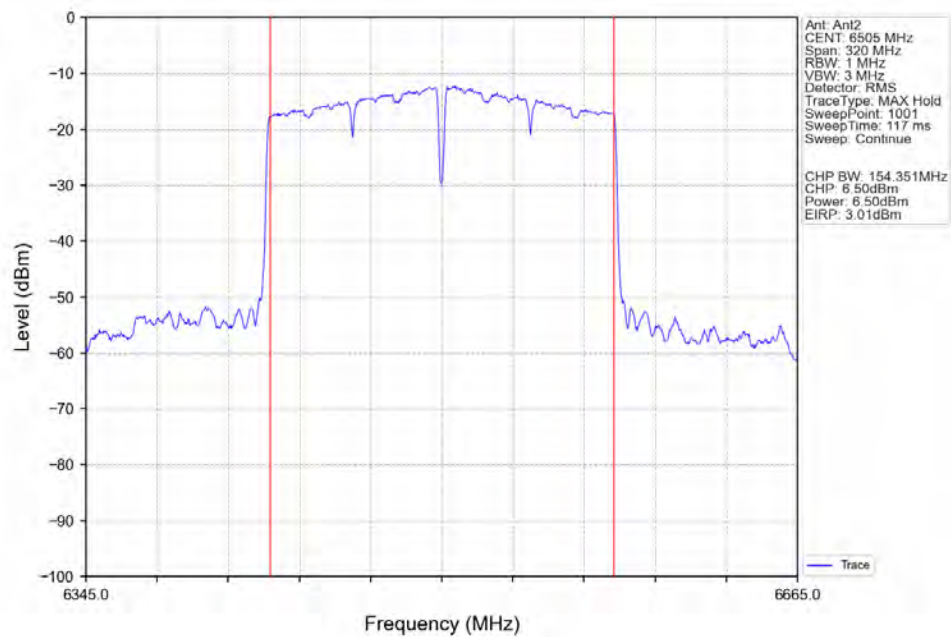
802.11ac(VHT80) HCH 6545MHz Ant2 NTV



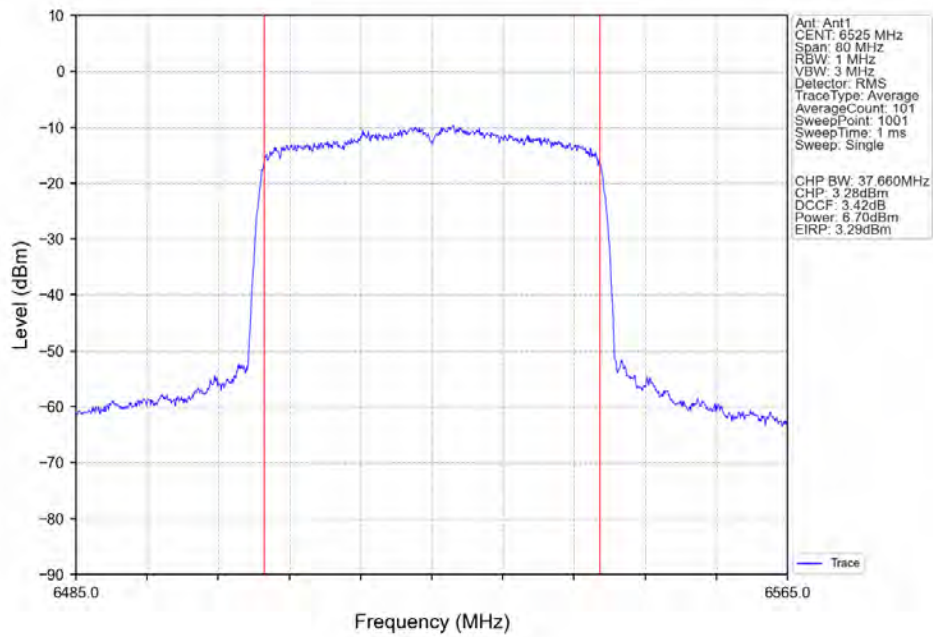
802.11ac(VHT160) HCH 6505MHz Ant1 NTN



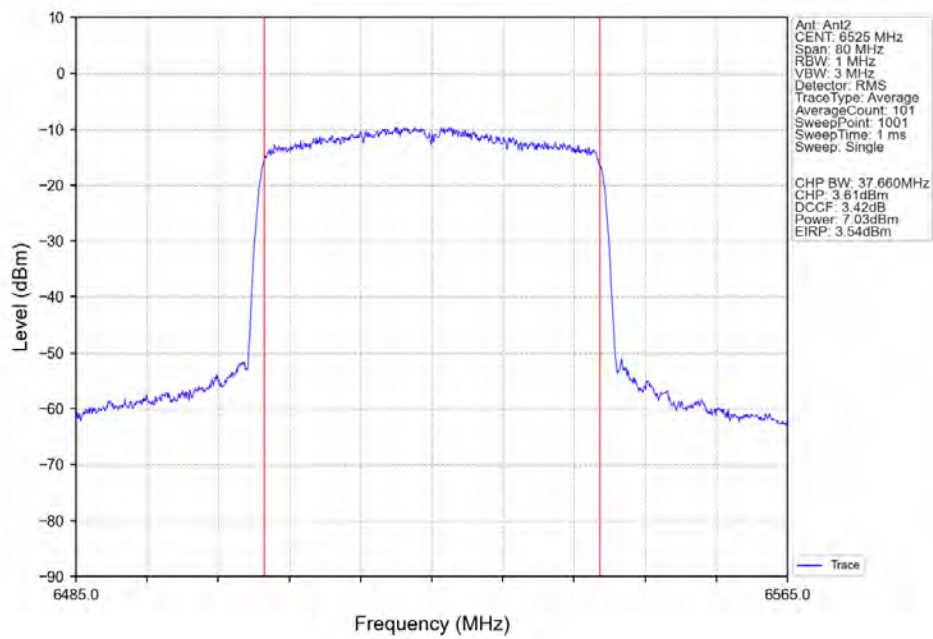
802.11ac(VHT160) HCH 6505MHz Ant2 NTN



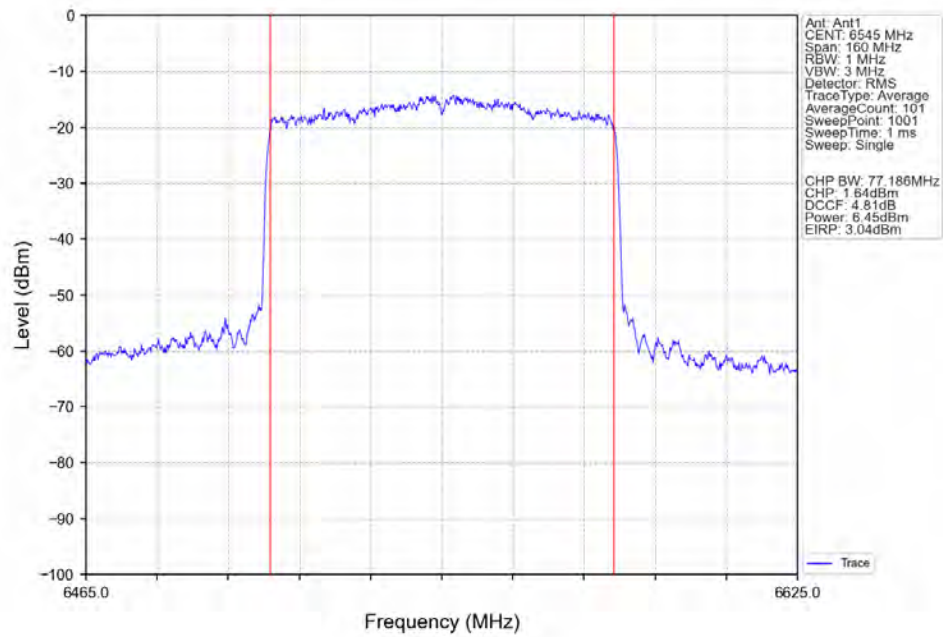
802.11ax(HEW40) HCH 6525MHz SU / Ant1 NTN



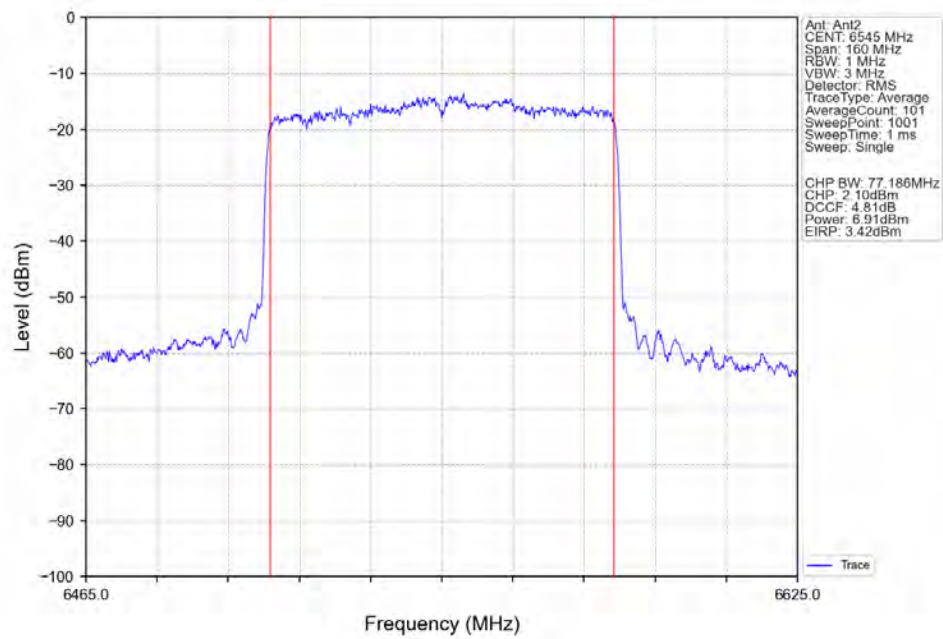
802.11ax(HEW40) HCH 6525MHz SU / Ant2 NTN



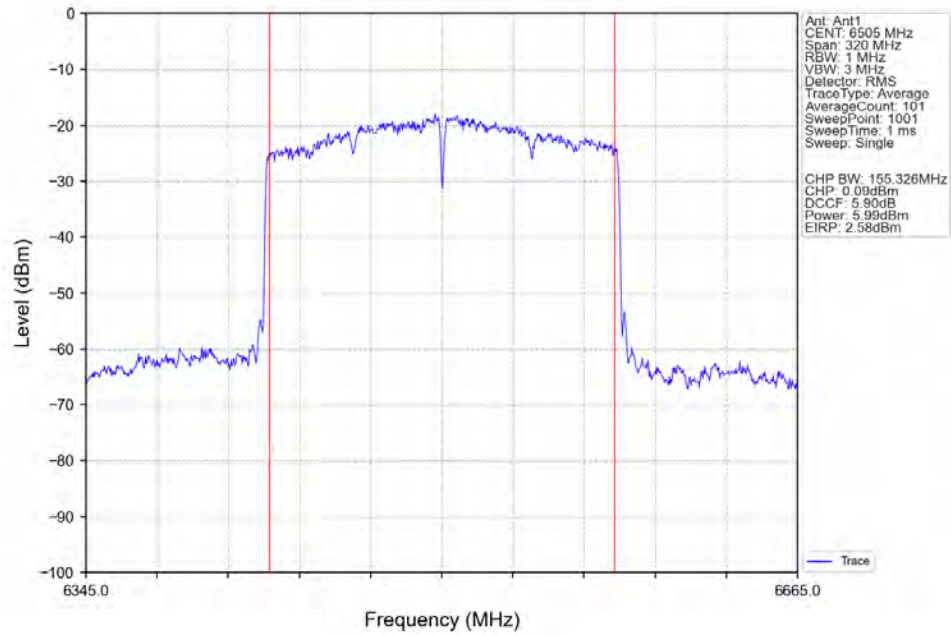
802.11ax(HEW80) HCH 6545MHz SU / Ant1 NTN



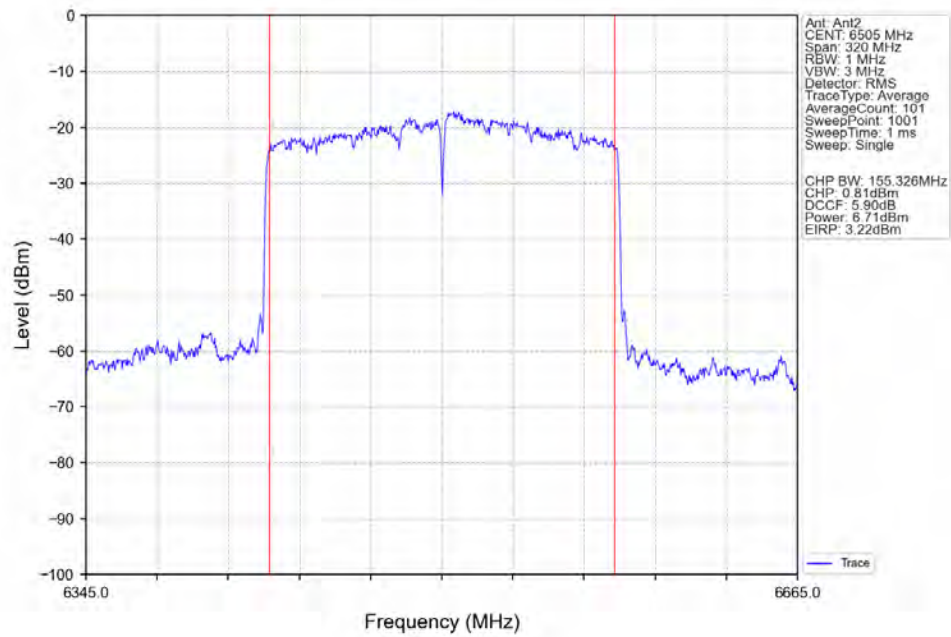
802.11ax(HEW80) HCH 6545MHz SU / Ant2 NTN



802.11ax(HEW160) HCH 6505MHz SU / Ant1 NTN



802.11ax(HEW160) HCH 6505MHz SU / Ant2 NTN



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11a	SISO	5955	/	/	0.75	0.30	/	/	Pass
			6175	/	/	0.55	0.61	/	/	Pass
			6415	/	/	1.30	0.85	/	/	Pass
	802.11n (HT20)	MIMO	5955	/	/	-4.26	-4.70	-1.67	/	Pass
			6175	/	/	-4.00	-3.92	-1.08	/	Pass
			6415	/	/	-3.76	-5.01	-1.54	/	Pass
	802.11n (HT40)	MIMO	5965	/	/	-6.06	-6.50	-3.57	/	Pass
			6165	/	/	-6.69	-6.22	-3.66	/	Pass
			6405	/	/	-5.47	-7.41	-3.45	/	Pass
	802.11ac (VHT20)	MIMO	5955	/	/	-4.10	-4.45	-1.50	/	Pass
			6175	/	/	-4.02	-3.42	-1.14	/	Pass
			6415	/	/	-3.50	-4.84	-1.26	/	Pass
	802.11ac (VHT40)	MIMO	5965	/	/	-5.82	-6.78	-3.34	/	Pass
			6165	/	/	-6.16	-6.19	-3.31	/	Pass
			6405	/	/	-6.40	-7.23	-4.07	/	Pass
	802.11ac (VHT80)	MIMO	5985	/	/	-9.19	-9.77	-6.75	/	Pass
			6145	/	/	-9.10	-8.74	-6.06	/	Pass
			6385	/	/	-8.41	-9.94	-6.24	/	Pass
	802.11ac (VHT160)	MIMO	6025	/	/	-12.05	-12.38	-9.77	/	Pass
			6185	/	/	-12.62	-12.97	-10.75	/	Pass
			6345	/	/	-12.39	-11.88	-9.55	/	Pass
	802.11ax (HEW20)	MIMO	5955	SU	/	-3.73	-5.51	-1.75	/	Pass
			6175	SU	/	-3.56	-4.33	-1.21	/	Pass
			6415	SU	/	-4.35	-4.48	-1.58	/	Pass
	802.11ax (HEW40)	MIMO	5965	SU	/	-5.86	-6.02	-3.17	/	Pass
			6165	SU	/	-5.75	-6.20	-3.31	/	Pass
			6405	SU	/	-6.64	-6.61	-3.73	/	Pass
	802.11ax (HEW80)	MIMO	5985	SU	/	-8.43	-9.38	-5.99	/	Pass
			6145	SU	/	-9.06	-8.77	-6.18	/	Pass
			6385	SU	/	-9.20	-9.31	-6.57	/	Pass
	802.11ax (HEW160)	MIMO	6025	SU	/	-12.54	-12.64	-9.91	/	Pass
			6185	SU	/	-11.76	-12.19	-9.24	/	Pass
			6345	SU	/	-12.72	-12.91	-10.07	/	Pass

Note1: Antenna Gain:

- Band: 6+7 Ant1: -3.41dBi;
- Band: 7+8 Ant1: -3.41dBi;
- Band: 5 Ant1: -3.41dBi;
- Band: 6 Ant1: -3.41dBi;
- Band: 7 Ant1: -3.41dBi;
- Band: 8 Ant1: -3.41dBi;
- Band: 6+7 Ant2: -3.49dBi;
- Band: 7+8 Ant2: -3.49dBi;
- Band: 5 Ant2: -3.49dBi;
- Band: 6 Ant2: -3.49dBi;
- Band: 7 Ant2: -3.49dBi;
- Band: 8 Ant2: -3.49dBi;

4.1.2 E.I.R.PSD

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum E.I.R.PSD (dBm/MHz)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11a	SISO	5955	/	/	-2.66	-3.19	/	<=-1	Pass
			6175	/	/	-2.86	-2.88	/	<=-1	Pass
			6415	/	/	-2.11	-2.64	/	<=-1	Pass
	802.11n (HT20)	MIMO	5955	/	/	-7.67	-8.19	-2.07	<=-1	Pass
			6175	/	/	-7.41	-7.41	-1.48	<=-1	Pass
			6415	/	/	-7.17	-8.50	-1.94	<=-1	Pass
	802.11n (HT40)	MIMO	5965	/	/	-9.47	-9.99	-3.97	<=-1	Pass
			6165	/	/	-10.10	-9.71	-4.06	<=-1	Pass
			6405	/	/	-8.88	-10.90	-3.85	<=-1	Pass
	802.11ac (VHT20)	MIMO	5955	/	/	-7.51	-7.94	-1.90	<=-1	Pass
			6175	/	/	-7.43	-6.91	-1.54	<=-1	Pass
			6415	/	/	-6.91	-8.33	-1.66	<=-1	Pass
	802.11ac (VHT40)	MIMO	5965	/	/	-9.23	-10.27	-3.74	<=-1	Pass
			6165	/	/	-9.57	-9.68	-3.71	<=-1	Pass
			6405	/	/	-9.81	-10.72	-4.47	<=-1	Pass
	802.11ac (VHT80)	MIMO	5985	/	/	-12.60	-13.26	-7.15	<=-1	Pass
			6145	/	/	-12.51	-12.23	-6.46	<=-1	Pass
			6385	/	/	-11.82	-13.43	-6.64	<=-1	Pass
	802.11ac (VHT160)	MIMO	6025	/	/	-15.46	-15.87	-10.17	<=-1	Pass
			6185	/	/	-16.03	-16.46	-11.15	<=-1	Pass
			6345	/	/	-15.80	-15.37	-9.95	<=-1	Pass
	802.11ax (HEW20)	MIMO	5955	SU	/	-7.14	-9.00	-2.15	<=-1	Pass
			6175	SU	/	-6.97	-7.82	-1.61	<=-1	Pass
			6415	SU	/	-7.76	-7.97	-1.98	<=-1	Pass
	802.11ax (HEW40)	MIMO	5965	SU	/	-9.27	-9.51	-3.57	<=-1	Pass
			6165	SU	/	-9.16	-9.69	-3.71	<=-1	Pass
			6405	SU	/	-10.05	-10.10	-4.13	<=-1	Pass
	802.11ax (HEW80)	MIMO	5985	SU	/	-11.84	-12.87	-6.39	<=-1	Pass
			6145	SU	/	-12.47	-12.26	-6.58	<=-1	Pass
			6385	SU	/	-12.61	-12.80	-6.97	<=-1	Pass
	802.11ax (HEW160)	MIMO	6025	SU	/	-15.95	-16.13	-10.31	<=-1	Pass
			6185	SU	/	-15.17	-15.68	-9.64	<=-1	Pass
			6345	SU	/	-16.13	-16.40	-10.47	<=-1	Pass
Note1: Antenna Gain: - Band: 8 Ant1: -3.41dBi; - Band: 6+7 Ant1: -3.41dBi; - Band: 7+8 Ant1: -3.41dBi; - Band: 5 Ant1: -3.41dBi; - Band: 6 Ant1: -3.41dBi; - Band: 7 Ant1: -3.41dBi; - Band: 5 Ant2: -3.49dBi; - Band: 6 Ant2: -3.49dBi; - Band: 7 Ant2: -3.49dBi; - Band: 8 Ant2: -3.49dBi; - Band: 6+7 Ant2: -3.49dBi; - Band: 7+8 Ant2: -3.49dBi; Note2: E.I.R.PSD = Measured PSD + Antenna Gain										

4.1.3 PSD

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11a	SISO	6435	/	/	1.32	0.67	/	/	Pass
			6475	/	/	1.58	0.49	/	/	Pass
			6515	/	/	1.46	0.37	/	/	Pass
	802.11n	MIMO	6435	/	/	-4.02	-4.82	-1.60	/	Pass

	(HT20)		6475	/	/	-4.20	-5.49	-1.95	/	Pass
			6515	/	/	-4.25	-5.70	-2.03	/	Pass
	802.11n (HT40)	MIMO	6445	/	/	-5.95	-7.58	-4.04	/	Pass
			6485	/	/	-6.32	-8.17	-4.33	/	Pass
	802.11ac (VHT20)	MIMO	6435	/	/	-3.88	-4.90	-1.49	/	Pass
			6475	/	/	-3.89	-5.67	-1.78	/	Pass
			6515	/	/	-4.71	-5.13	-2.23	/	Pass
	802.11ac (VHT40)	MIMO	6445	/	/	-6.21	-7.23	-3.82	/	Pass
			6485	/	/	-6.95	-7.42	-4.38	/	Pass
	802.11ac (VHT80)	MIMO	6465	/	/	-8.17	-10.55	-6.39	/	Pass
	802.11ax (HEW20)	MIMO	6435	SU	/	-4.65	-5.99	-2.37	/	Pass
			6475	SU	/	-3.82	-5.62	-1.96	/	Pass
			6515	SU	/	-4.81	-4.99	-2.17	/	Pass
	802.11ax (HEW40)	MIMO	6445	SU	/	-6.00	-6.74	-3.81	/	Pass
			6485	SU	/	-6.82	-7.56	-4.46	/	Pass
802.11ax (HEW80)	MIMO	6465	SU	/	-9.39	-10.35	-7.14	/	Pass	

- Band: 6 Ant1: -3.41dBi;
- Band: 7 Ant1: -3.41dBi;
- Band: 8 Ant1: -3.41dBi;
- Band: 6+7 Ant1: -3.41dBi;
- Band: 7+8 Ant1: -3.41dBi;
- Band: 5 Ant1: -3.41dBi;
- Band: 5 Ant2: -3.49dBi;
- Band: 6 Ant2: -3.49dBi;
- Band: 7 Ant2: -3.49dBi;
- Band: 8 Ant2: -3.49dBi;
- Band: 6+7 Ant2: -3.49dBi;
- Band: 7+8 Ant2: -3.49dBi;

4.1.4 E.I.R.PSD

Note1: Antenna Gain:

- Band: 5 Ant1: -3.41dBi;
- Band: 6 Ant1: -3.41dBi;
- Band: 7 Ant1: -3.41dBi;
- Band: 8 Ant1: -3.41dBi;
- Band: 6+7 Ant1: -3.41dBi;
- Band: 7+8 Ant1: -3.41dBi;
- Band: 7 Ant2: -3.49dBi;
- Band: 8 Ant2: -3.49dBi;
- Band: 6+7 Ant2: -3.49dBi;
- Band: 7+8 Ant2: -3.49dBi;
- Band: 5 Ant2: -3.49dBi;
- Band: 6 Ant2: -3.49dBi;

Note2: E.I.R.PSD = Measured PSD + Antenna Gain

4.1.5 PSD

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11a	SISO	6535	/	/	0.95	0.98	/	/	Pass
			6695	/	/	1.11	1.00	/	/	Pass
			6855	/	/	2.28	0.95	/	/	Pass
	802.11n (HT20)	MIMO	6535	/	/	-4.89	-5.83	-2.54	/	Pass
			6695	/	/	-5.11	-5.19	-2.27	/	Pass
			6855	/	/	-4.33	-4.67	-1.67	/	Pass
	802.11n (HT40)	MIMO	6565	/	/	-7.66	-7.78	-4.86	/	Pass
			6685	/	/	-6.99	-7.61	-4.48	/	Pass
			6845	/	/	-6.47	-6.83	-3.68	/	Pass
	802.11ac (VHT20)	MIMO	6535	/	/	-5.18	-5.76	-2.59	/	Pass
			6695	/	/	-4.69	-5.10	-2.05	/	Pass
			6855	/	/	-3.96	-5.20	-1.74	/	Pass
	802.11ac (VHT40)	MIMO	6565	/	/	-7.68	-7.38	-4.95	/	Pass
			6685	/	/	-7.21	-7.57	-4.40	/	Pass
			6845	/	/	-6.43	-7.14	-4.01	/	Pass
	802.11ac (VHT80)	MIMO	6625	/	/	-10.64	-10.08	-7.61	/	Pass
			6705	/	/	-9.24	-10.62	-7.21	/	Pass
			6785	/	/	-7.92	-8.50	-5.34	/	Pass
	802.11ac (VHT160)	MIMO	6665	/	/	-12.72	-13.12	-10.33	/	Pass
	802.11ax (HEW20)	MIMO	6535	SU	/	-4.45	-4.75	-1.77	/	Pass
			6695	SU	/	-4.60	-4.59	-1.83	/	Pass
			6855	SU	/	-4.88	-4.48	-1.97	/	Pass
	802.11ax (HEW40)	MIMO	6565	SU	/	-7.29	-7.77	-4.95	/	Pass
			6685	SU	/	-6.31	-7.11	-3.94	/	Pass
			6845	SU	/	-6.14	-6.95	-3.76	/	Pass
	802.11ax (HEW80)	MIMO	6625	SU	/	-9.98	-9.72	-7.38	/	Pass
			6705	SU	/	-9.94	-9.59	-7.06	/	Pass
			6785	SU	/	-7.72	-8.38	-5.41	/	Pass
	802.11ax (HEW160)	MIMO	6665	SU	/	-13.35	-13.36	-10.66	/	Pass

Note1: Antenna Gain:

- Band: 6 Ant1: -3.41dBi;
- Band: 7 Ant1: -3.41dBi;
- Band: 8 Ant1: -3.41dBi;
- Band: 6+7 Ant1: -3.41dBi;
- Band: 7+8 Ant1: -3.41dBi;
- Band: 5 Ant1: -3.41dBi;
- Band: 5 Ant2: -3.49dBi;
- Band: 6 Ant2: -3.49dBi;
- Band: 7 Ant2: -3.49dBi;
- Band: 8 Ant2: -3.49dBi;

- Band: 6+7 Ant2: -3.49dBi;
- Band: 7+8 Ant2: -3.49dBi;

4.1.6 E.I.R.PSD

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum E.I.R.PSD (dBm/MHz)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11a	SISO	6535	/	/	-2.46	-2.51	/	<=-1	Pass
			6695	/	/	-2.30	-2.49	/	<=-1	Pass
			6855	/	/	-1.13	-2.54	/	<=-1	Pass
	802.11n (HT20)	MIMO	6535	/	/	-8.30	-9.32	-2.94	<=-1	Pass
			6695	/	/	-8.52	-8.68	-2.67	<=-1	Pass
			6855	/	/	-7.74	-8.16	-2.07	<=-1	Pass
	802.11n (HT40)	MIMO	6565	/	/	-11.07	-11.27	-5.26	<=-1	Pass
			6685	/	/	-10.40	-11.10	-4.88	<=-1	Pass
			6845	/	/	-9.88	-10.32	-4.08	<=-1	Pass
	802.11ac (VHT20)	MIMO	6535	/	/	-8.59	-9.25	-2.99	<=-1	Pass
			6695	/	/	-8.10	-8.59	-2.45	<=-1	Pass
			6855	/	/	-7.37	-8.69	-2.14	<=-1	Pass
	802.11ac (VHT40)	MIMO	6565	/	/	-11.09	-10.87	-5.35	<=-1	Pass
			6685	/	/	-10.62	-11.06	-4.80	<=-1	Pass
			6845	/	/	-9.84	-10.63	-4.41	<=-1	Pass
	802.11ac (VHT80)	MIMO	6625	/	/	-14.05	-13.57	-8.01	<=-1	Pass
			6705	/	/	-12.65	-14.11	-7.61	<=-1	Pass
			6785	/	/	-11.33	-11.99	-5.74	<=-1	Pass
	802.11ac (VHT160)	MIMO	6665	/	/	-16.13	-16.61	-10.73	<=-1	Pass
	802.11ax (HEW20)	MIMO	6535	SU	/	-7.86	-8.24	-2.17	<=-1	Pass
			6695	SU	/	-8.01	-8.08	-2.23	<=-1	Pass
			6855	SU	/	-8.29	-7.97	-2.37	<=-1	Pass
	802.11ax (HEW40)	MIMO	6565	SU	/	-10.70	-11.26	-5.35	<=-1	Pass
			6685	SU	/	-9.72	-10.60	-4.34	<=-1	Pass
			6845	SU	/	-9.55	-10.44	-4.16	<=-1	Pass
	802.11ax (HEW80)	MIMO	6625	SU	/	-13.39	-13.21	-7.78	<=-1	Pass
			6705	SU	/	-13.35	-13.08	-7.46	<=-1	Pass
			6785	SU	/	-11.13	-11.87	-5.81	<=-1	Pass
	802.11ax (HEW160)	MIMO	6665	SU	/	-16.76	-16.85	-11.06	<=-1	Pass
Note1: Antenna Gain: - Band: 8 Ant1: -3.41dBi; - Band: 6+7 Ant1: -3.41dBi; - Band: 7+8 Ant1: -3.41dBi; - Band: 5 Ant1: -3.41dBi; - Band: 6 Ant1: -3.41dBi; - Band: 7 Ant1: -3.41dBi; - Band: 8 Ant2: -3.49dBi; - Band: 6+7 Ant2: -3.49dBi; - Band: 7+8 Ant2: -3.49dBi; - Band: 5 Ant2: -3.49dBi; - Band: 6 Ant2: -3.49dBi; - Band: 7 Ant2: -3.49dBi; Note2: E.I.R.PSD = Measured PSD + Antenna Gain										

4.1.7 PSD

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11a	SISO	6895	/	/	1.54	0.92	/	/	Pass

			6995	/	/	0.86	-0.27	/	/	Pass
			7115	/	/	0.96	0.90	/	/	Pass
	802.11n (HT20)	MIMO	6895	/	/	-4.57	-4.66	-1.81	/	Pass
			6995	/	/	-5.15	-4.76	-2.11	/	Pass
			7115	/	/	-5.09	-4.54	-1.96	/	Pass
			6925	/	/	-6.47	-7.00	-3.88	/	Pass
	802.11n (HT40)	MIMO	7005	/	/	-7.31	-7.38	-4.34	/	Pass
			7085	/	/	-7.24	-7.26	-4.32	/	Pass
	802.11ac (VHT20)	MIMO	6895	/	/	-4.55	-4.86	-1.91	/	Pass
			6995	/	/	-4.48	-5.26	-2.06	/	Pass
			7115	/	/	-4.55	-4.85	-1.92	/	Pass
			6925	/	/	-6.90	-6.88	-4.10	/	Pass
	802.11ac (VHT40)	MIMO	7005	/	/	-7.34	-8.10	-4.86	/	Pass
			7085	/	/	-6.42	-6.77	-3.66	/	Pass
	802.11ac (VHT80)	MIMO	6945	/	/	-9.84	-9.99	-7.30	/	Pass
			7025	/	/	-10.93	-10.40	-8.34	/	Pass
	802.11ac (VHT160)	MIMO	6985	/	/	-13.02	-13.18	-10.52	/	Pass
	802.11ax (HEW20)	MIMO	6895	SU	/	-4.58	-4.97	-2.09	/	Pass
			6995	SU	/	-5.74	-4.89	-2.49	/	Pass
			7115	SU	/	-3.76	-5.50	-1.79	/	Pass
			6925	SU	/	-6.15	-6.53	-3.57	/	Pass
	802.11ax (HEW40)	MIMO	7005	SU	/	-6.58	-7.40	-4.17	/	Pass
			7085	SU	/	-6.83	-6.70	-3.98	/	Pass
	802.11ax (HEW80)	MIMO	6945	SU	/	-9.48	-9.59	-6.81	/	Pass
			7025	SU	/	-9.98	-10.77	-7.85	/	Pass
	802.11ax (HEW160)	MIMO	6985	SU	/	-12.43	-14.19	-10.66	/	Pass
Note1: Antenna Gain: - Band: 6+7 Ant1: -3.41dBi; - Band: 7+8 Ant1: -3.41dBi; - Band: 5 Ant1: -3.41dBi; - Band: 6 Ant1: -3.41dBi; - Band: 7 Ant1: -3.41dBi; - Band: 8 Ant1: -3.41dBi; - Band: 6+7 Ant2: -3.49dBi; - Band: 7+8 Ant2: -3.49dBi; - Band: 5 Ant2: -3.49dBi; - Band: 6 Ant2: -3.49dBi; - Band: 7 Ant2: -3.49dBi; - Band: 8 Ant2: -3.49dBi;										

4.1.8 E.I.R.PSD

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum E.I.R.PSD (dBm/MHz)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11a	SISO	6895	/	/	-1.87	-2.57	/	<=-1	Pass
			6995	/	/	-2.55	-3.76	/	<=-1	Pass
			7115	/	/	-2.45	-2.59	/	<=-1	Pass
	802.11n (HT20)	MIMO	6895	/	/	-7.98	-8.15	-2.21	<=-1	Pass
			6995	/	/	-8.56	-8.25	-2.51	<=-1	Pass
			7115	/	/	-8.50	-8.03	-2.36	<=-1	Pass
	802.11n (HT40)	MIMO	6925	/	/	-9.88	-10.49	-4.28	<=-1	Pass
			7005	/	/	-10.72	-10.87	-4.74	<=-1	Pass
			7085	/	/	-10.65	-10.75	-4.72	<=-1	Pass
	802.11ac (VHT20)	MIMO	6895	/	/	-7.96	-8.35	-2.31	<=-1	Pass
			6995	/	/	-7.89	-8.75	-2.46	<=-1	Pass
			7115	/	/	-7.96	-8.34	-2.32	<=-1	Pass
	802.11ac	MIMO	6925	/	/	-10.31	-10.37	-4.50	<=-1	Pass

- Band: 6 Ant1: -3.41dBi;
- Band: 7 Ant1: -3.41dBi;
- Band: 8 Ant1: -3.41dBi;
- Band: 6+7 Ant2: -3.49dBi;
- Band: 7+8 Ant2: -3.49dBi;
- Band: 5 Ant2: -3.49dBi;
- Band: 6 Ant2: -3.49dBi;
- Band: 7 Ant2: -3.49dBi;
- Band: 8 Ant2: -3.49dBi;

4.1.10 E.I.R.PSD

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum E.I.R.PSD (dBm/MHz)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11a	SISO	6875	/	/	-2.40	-2.32	/	<=-1	Pass
	802.11n (HT20)	MIMO	6875	/	/	-7.29	-7.35	-1.53	<=-1	Pass
	802.11n (HT40)	MIMO	6885	/	/	-9.49	-9.44	-3.57	<=-1	Pass
	802.11ac (VHT20)	MIMO	6875	/	/	-7.09	-7.32	-1.30	<=-1	Pass
	802.11ac (VHT40)	MIMO	6885	/	/	-9.50	-9.33	-3.57	<=-1	Pass
	802.11ac (VHT80)	MIMO	6865	/	/	-12.66	-12.03	-6.49	<=-1	Pass
	802.11ac (VHT160)	MIMO	6825	/	/	-15.00	-16.00	-9.59	<=-1	Pass
	802.11ax (HEW20)	MIMO	6875	SU	/	-7.51	-7.41	-1.69	<=-1	Pass
	802.11ax (HEW40)	MIMO	6885	SU	/	-9.98	-9.05	-3.77	<=-1	Pass
	802.11ax (HEW80)	MIMO	6865	SU	/	-11.63	-11.92	-6.00	<=-1	Pass
	802.11ax (HEW160)	MIMO	6825	SU	/	-14.78	-16.11	-9.84	<=-1	Pass

Note1: Antenna Gain:

- Band: 6+7 Ant1: -3.41dBi;
- Band: 7+8 Ant1: -3.41dBi;
- Band: 5 Ant1: -3.41dBi;
- Band: 6 Ant1: -3.41dBi;
- Band: 7 Ant1: -3.41dBi;
- Band: 8 Ant1: -3.41dBi;
- Band: 6+7 Ant2: -3.49dBi;
- Band: 7+8 Ant2: -3.49dBi;
- Band: 5 Ant2: -3.49dBi;
- Band: 6 Ant2: -3.49dBi;
- Band: 7 Ant2: -3.49dBi;
- Band: 8 Ant2: -3.49dBi;

Note2: E.I.R.PSD = Measured PSD + Antenna Gain

4.1.11 PSD

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11n (HT40)	MIMO	6525	/	/	-6.44	-6.19	-3.59	/	Pass
	802.11ac (VHT40)	MIMO	6525	/	/	-6.54	-6.13	-3.62	/	Pass
	802.11ac	MIMO	6545	/	/	-10.00	-8.86	-6.54	/	Pass

	(VHT80)									
	802.11ac (VHT160)	MIMO	6505	/	/	-13.33	-12.43	-9.88	/	Pass
	802.11ax (HEW40)	MIMO	6525	SU	/	-6.37	-5.90	-3.46	/	Pass
	802.11ax (HEW80)	MIMO	6545	SU	/	-10.05	-7.92	-6.29	/	Pass
	802.11ax (HEW160)	MIMO	6505	SU	/	-12.27	-11.76	-9.56	/	Pass
Note1: Antenna Gain: - Band: 6 Ant1: -3.41dBi; - Band: 7 Ant1: -3.41dBi; - Band: 8 Ant1: -3.41dBi; - Band: 6+7 Ant1: -3.41dBi; - Band: 7+8 Ant1: -3.41dBi; - Band: 5 Ant1: -3.41dBi; - Band: 7 Ant2: -3.49dBi; - Band: 8 Ant2: -3.49dBi; - Band: 6+7 Ant2: -3.49dBi; - Band: 7+8 Ant2: -3.49dBi; - Band: 5 Ant2: -3.49dBi; - Band: 6 Ant2: -3.49dBi;										

- Band: 6 Ant1: -3.41dBi;
- Band: 7 Ant1: -3.41dBi;
- Band: 8 Ant1: -3.41dBi;
- Band: 6+7 Ant1: -3.41dBi;
- Band: 7+8 Ant1: -3.41dBi;
- Band: 5 Ant1: -3.41dBi;
- Band: 7 Ant2: -3.49dBi;
- Band: 8 Ant2: -3.49dBi;
- Band: 6+7 Ant2: -3.49dBi;
- Band: 7+8 Ant2: -3.49dBi;
- Band: 5 Ant2: -3.49dBi;
- Band: 6 Ant2: -3.49dBi;

4.1.12 E.I.R.PSD

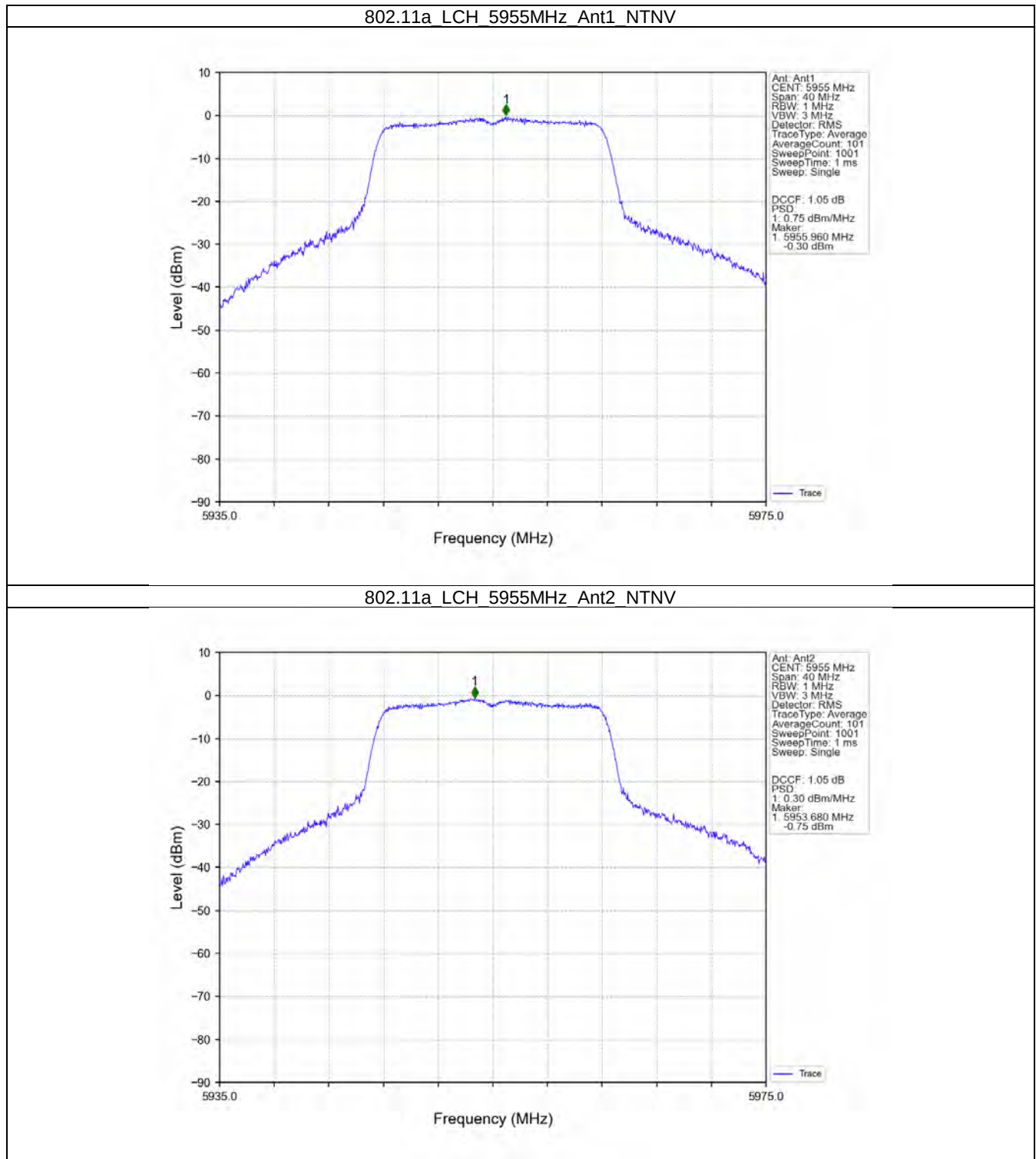
Note1: Antenna Gain:

- Band: 5 Ant1: -3.41dBi;
- Band: 6 Ant1: -3.41dBi;
- Band: 7 Ant1: -3.41dBi;
- Band: 8 Ant1: -3.41dBi;
- Band: 6+7 Ant1: -3.41dBi;
- Band: 7+8 Ant1: -3.41dBi;
- Band: 7+8 Ant2: -3.49dBi;
- Band: 5 Ant2: -3.49dBi;
- Band: 6 Ant2: -3.49dBi;
- Band: 7 Ant2: -3.49dBi;
- Band: 8 Ant2: -3.49dBi;
- Band: 6+7 Ant2: -3.49dBi;

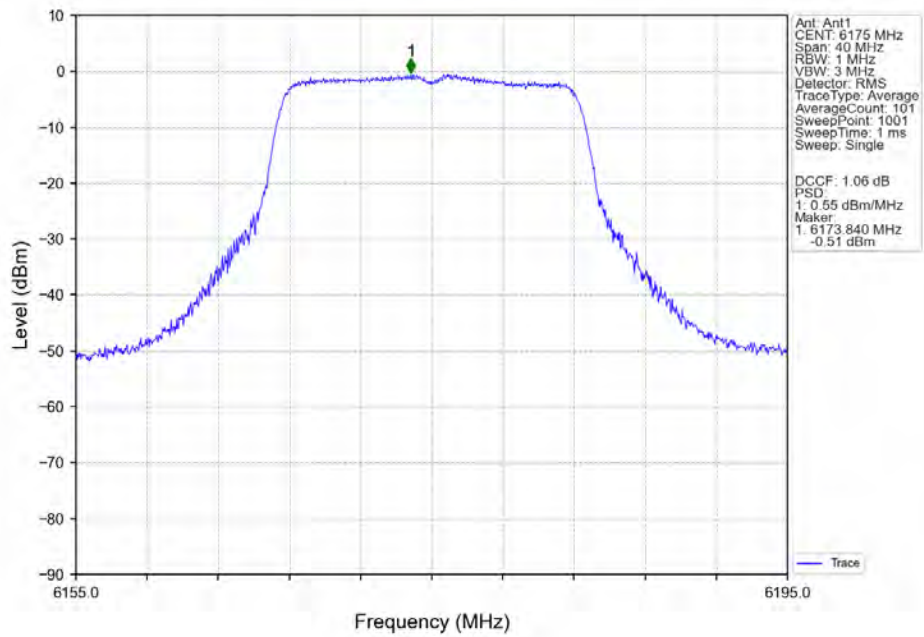
Note2: E.I.R.PSD = Measured PSD + Antenna Gain

4.2 Test Graph

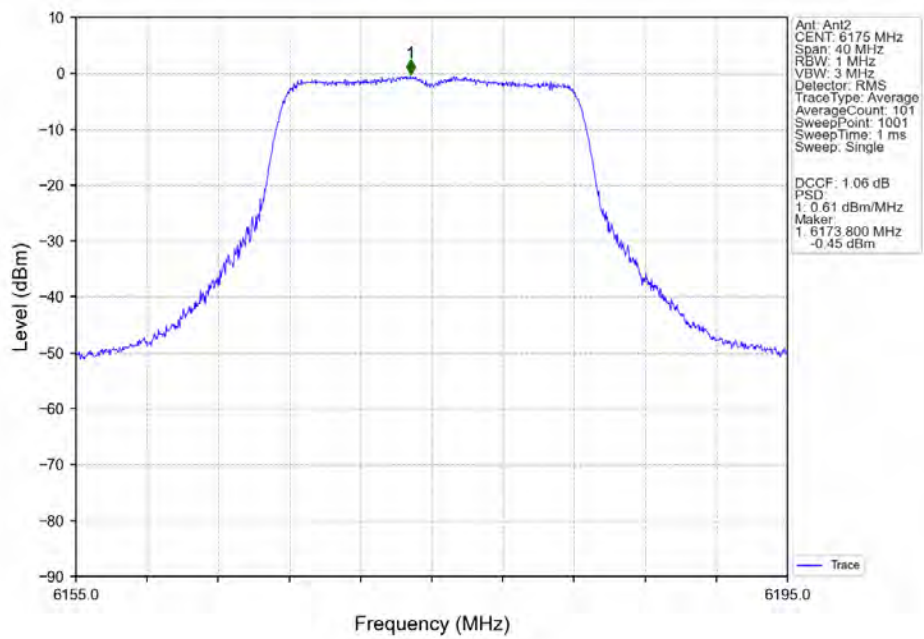
4.2.1 PSD



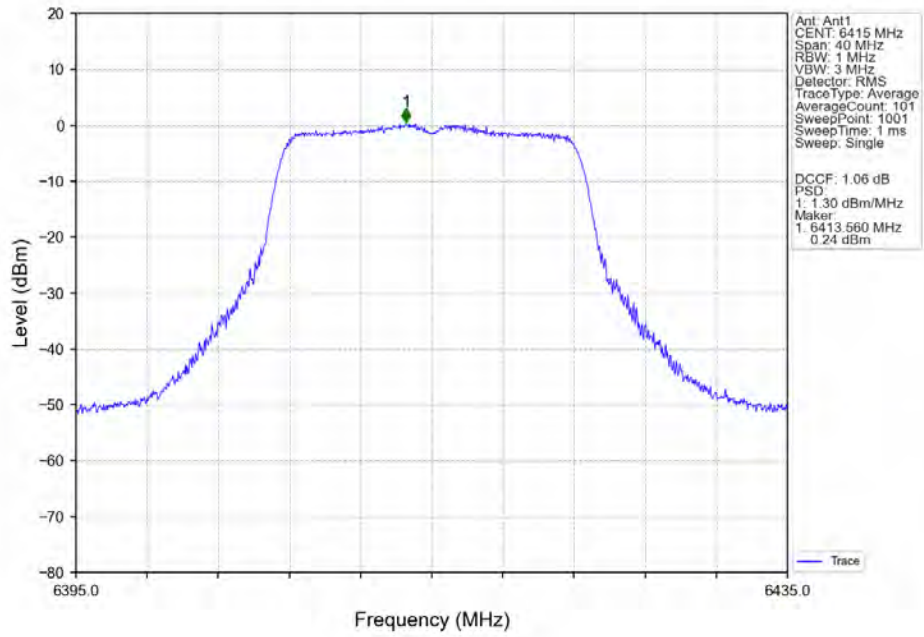
802.11a MCH 6175MHz Ant1 NTV



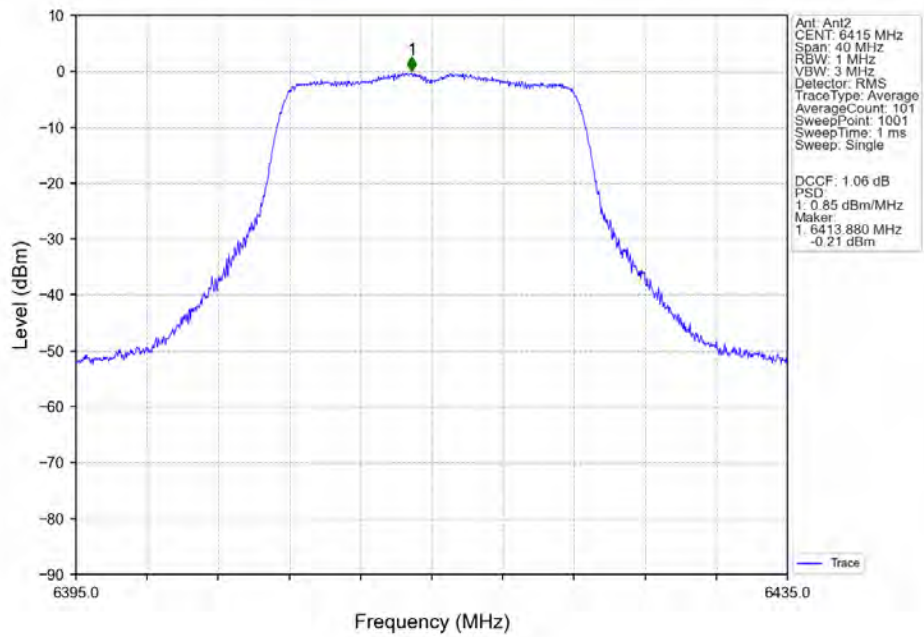
802.11a MCH 6175MHz Ant2 NTV



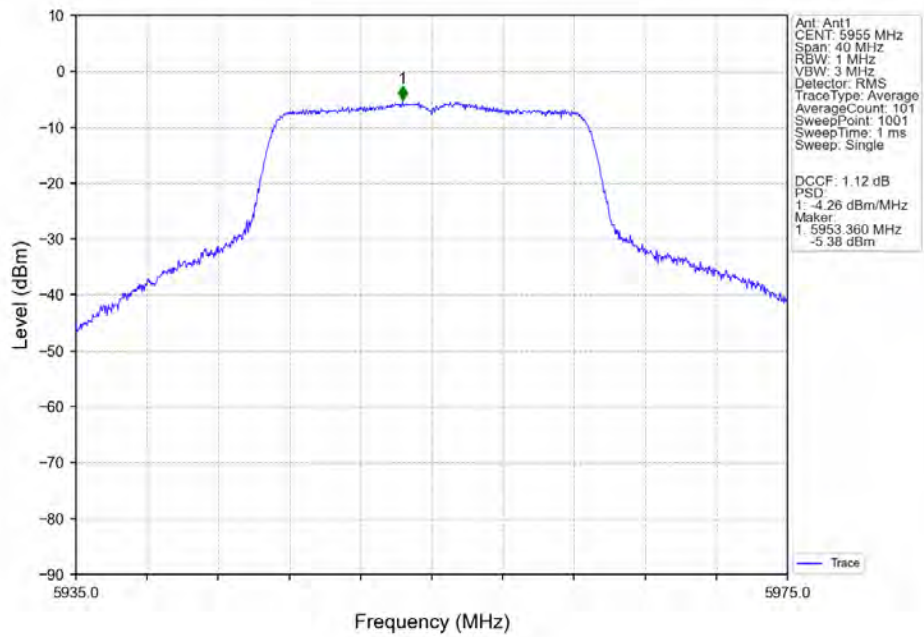
802.11a HCH 6415MHz Ant1 NTN



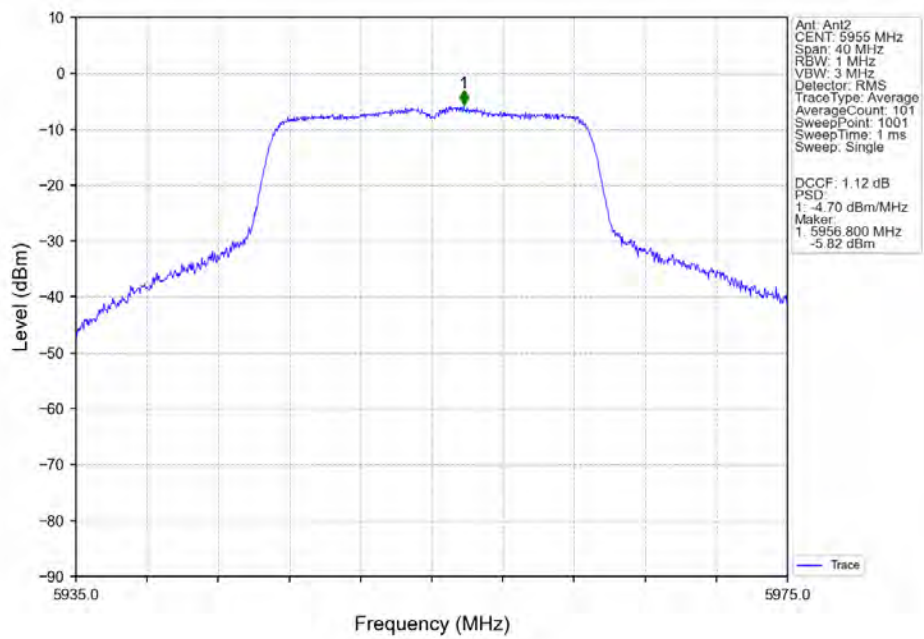
802.11a HCH 6415MHz Ant2 NTN



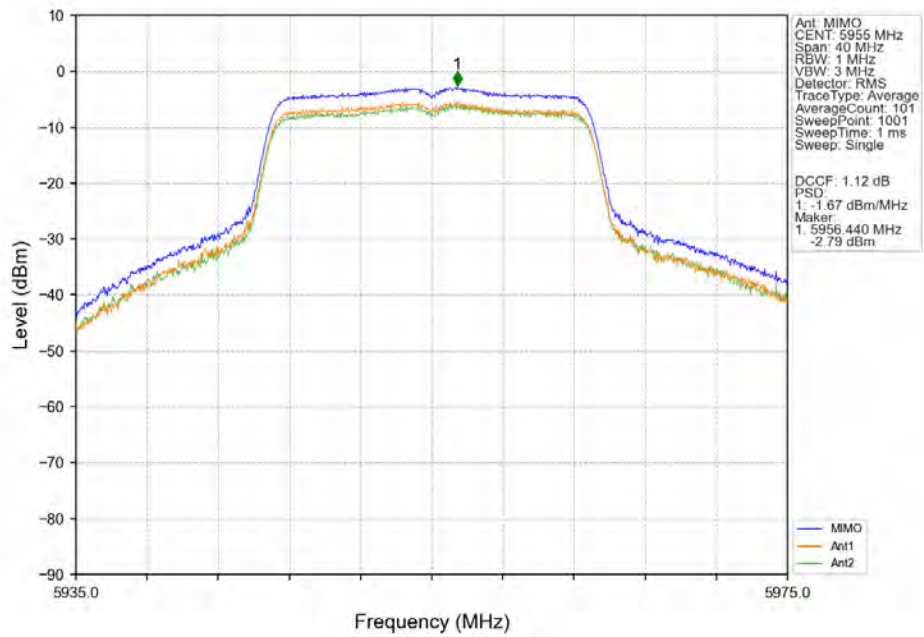
802.11n(HT20) LCH 5955MHz Ant1 NTN



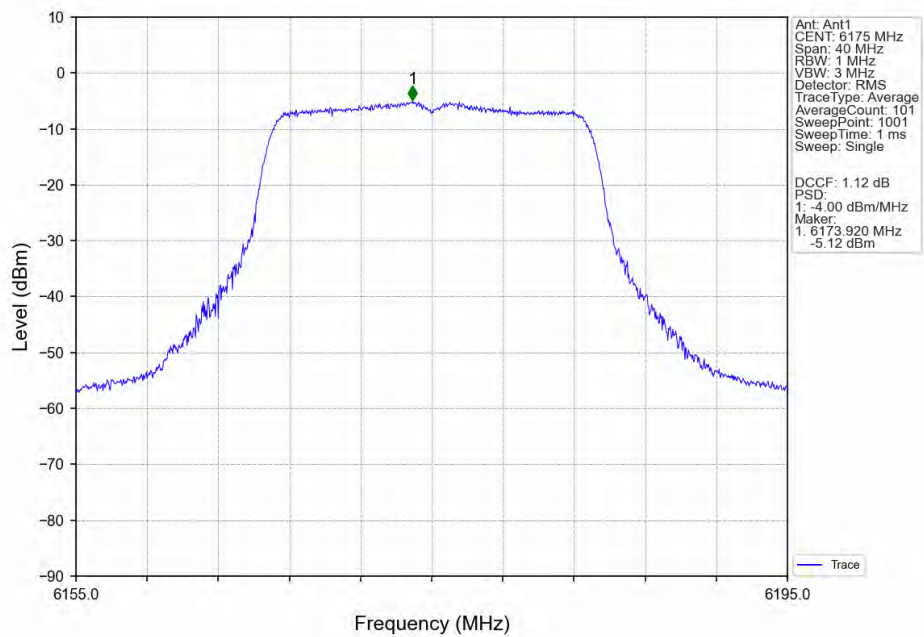
802.11n(HT20) LCH 5955MHz Ant2 NTN



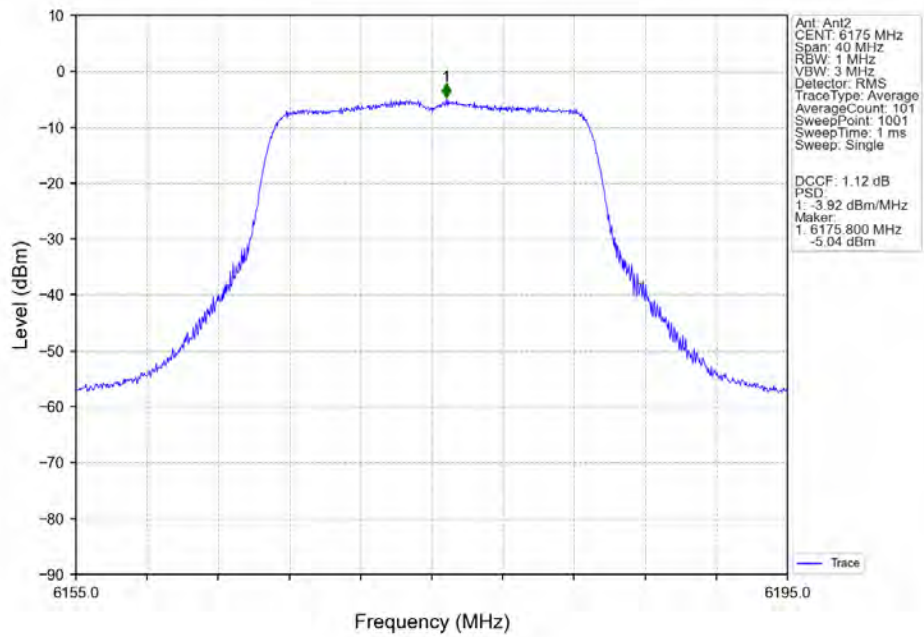
802.11n(HT20) LCH 5955MHz MIMO NTN



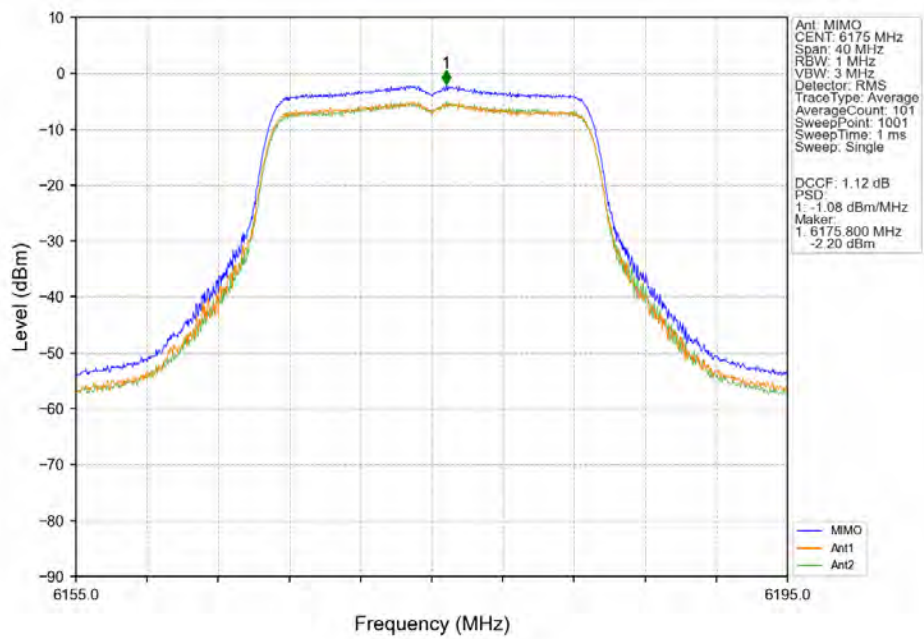
802.11n(HT20) MCH 6175MHz Ant1 NTN



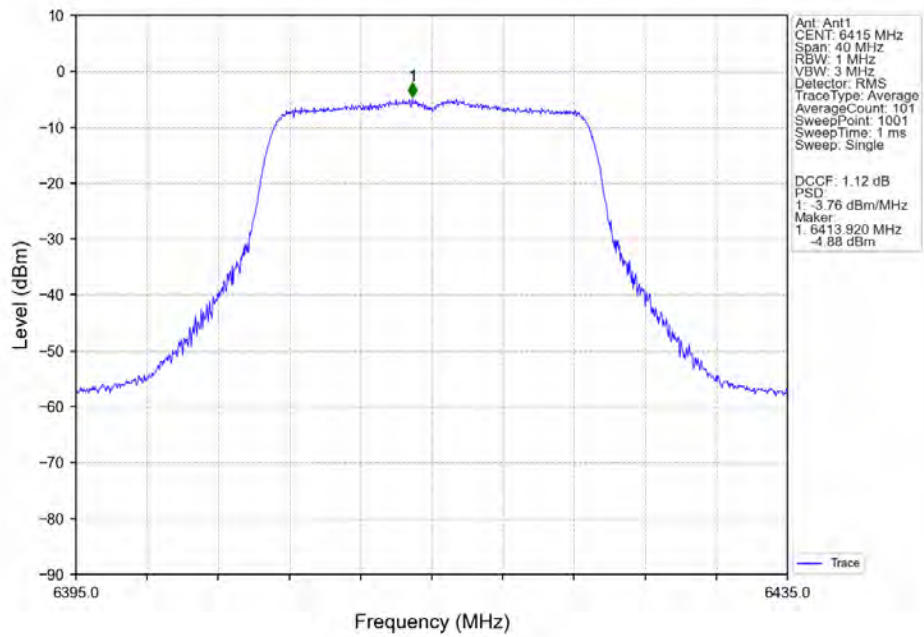
802.11n(HT20) MCH 6175MHz Ant2 NTN



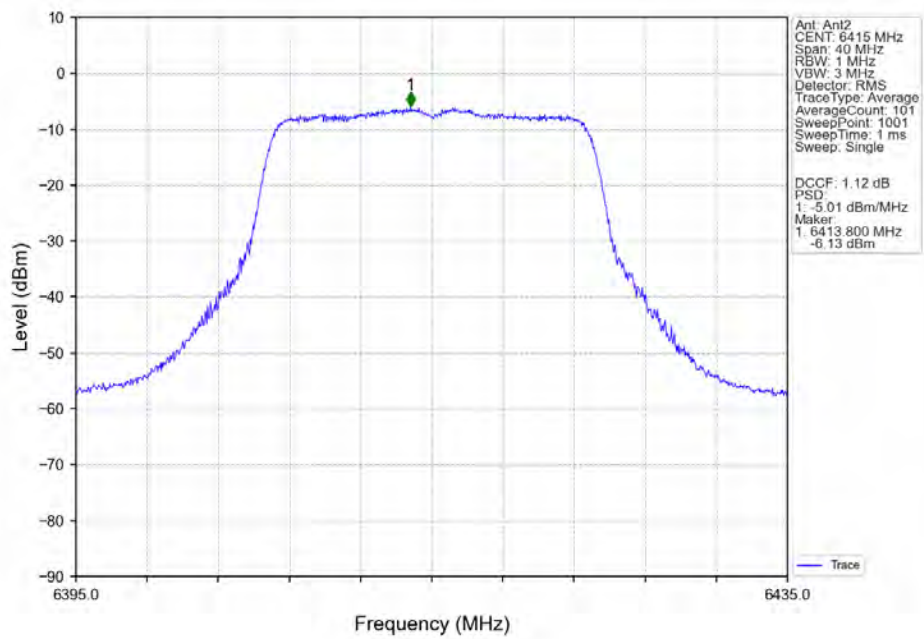
802.11n(HT20) MCH 6175MHz MIMO NTN



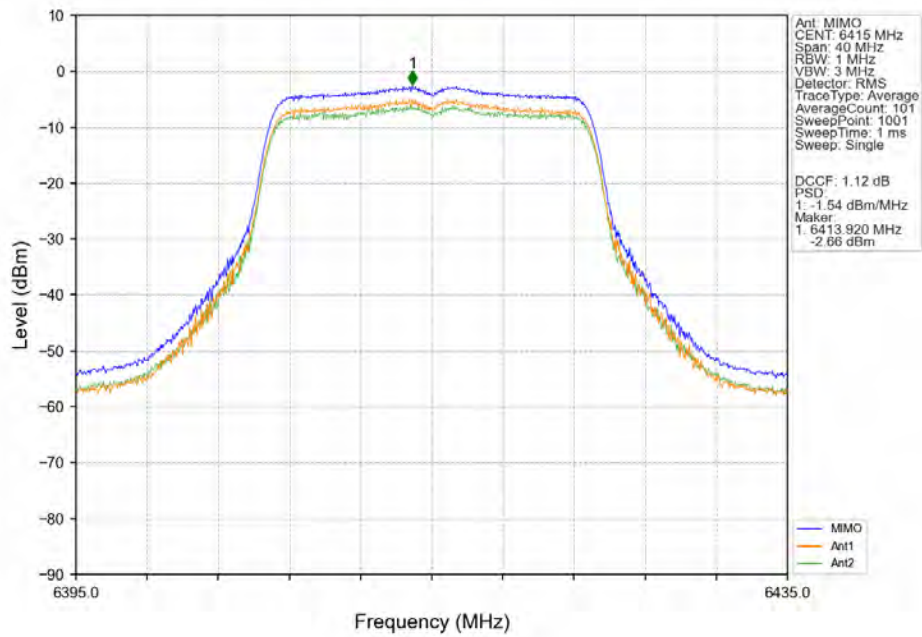
802.11n(HT20) HCH 6415MHz Ant1 NTN



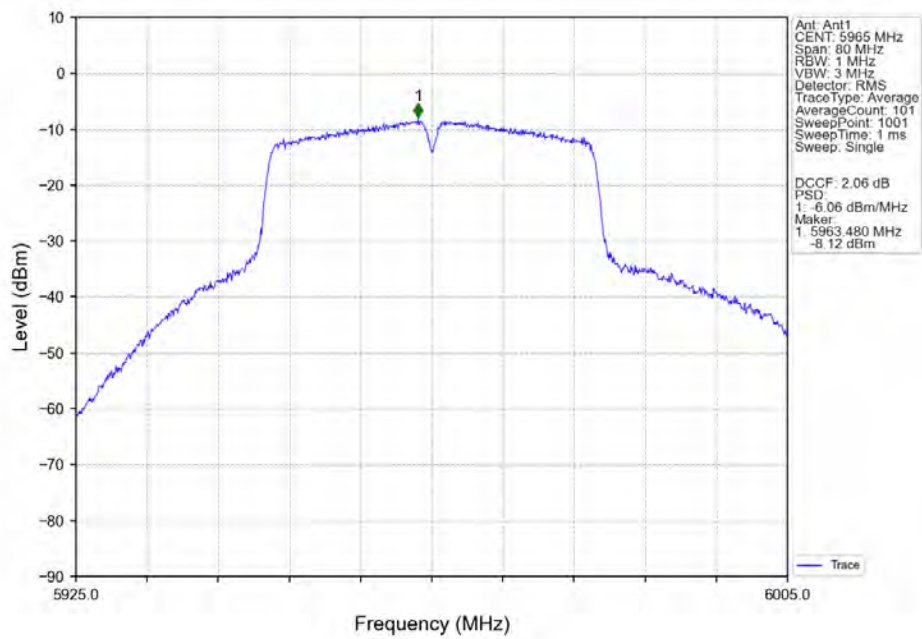
802.11n(HT20) HCH 6415MHz Ant2 NTN



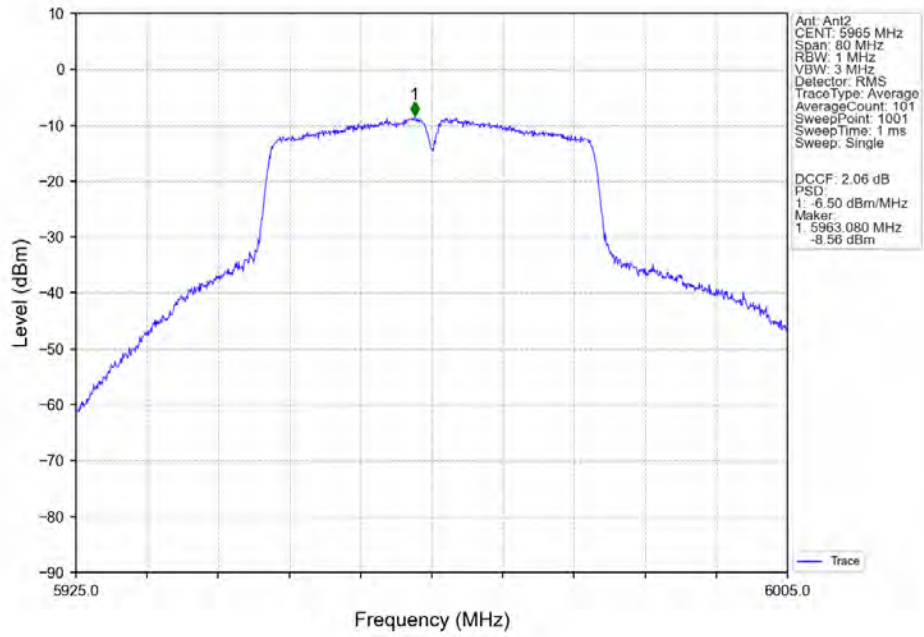
802.11n(HT20) HCH 6415MHz MIMO NTN



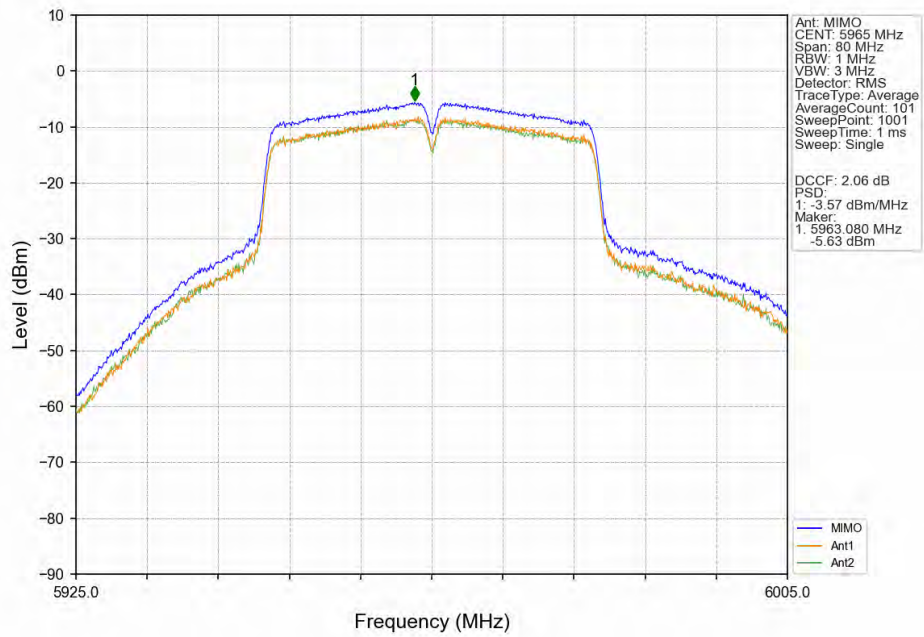
802.11n(HT40) LCH 5965MHz Ant1 NTN



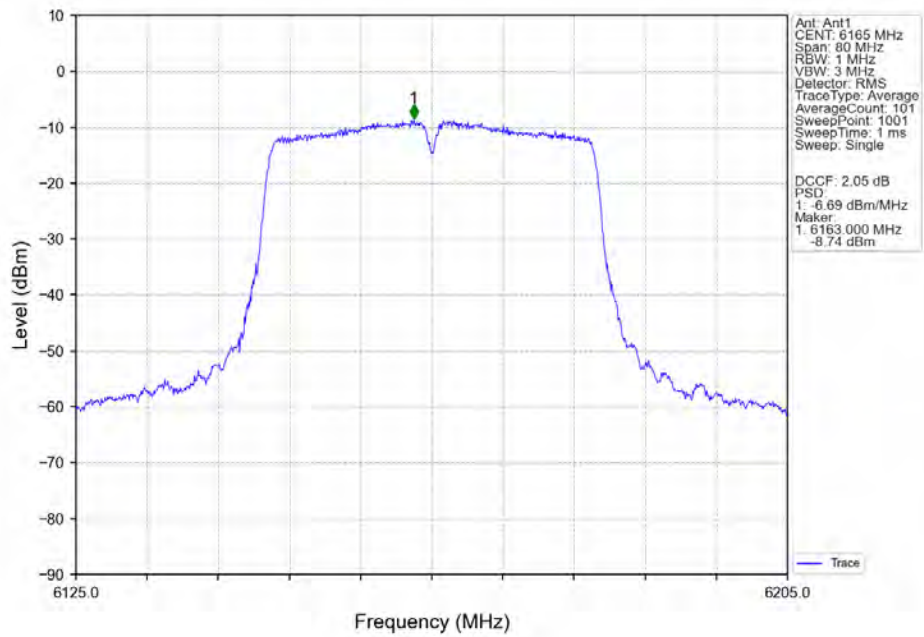
802.11n(HT40) LCH 5965MHz Ant2 NTN



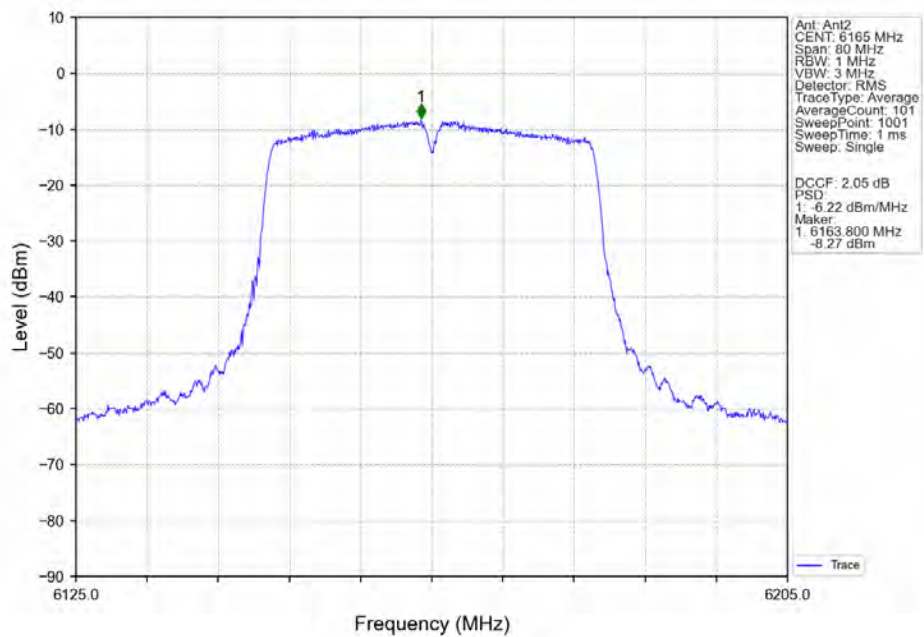
802.11n(HT40) LCH 5965MHz MIMO NTN



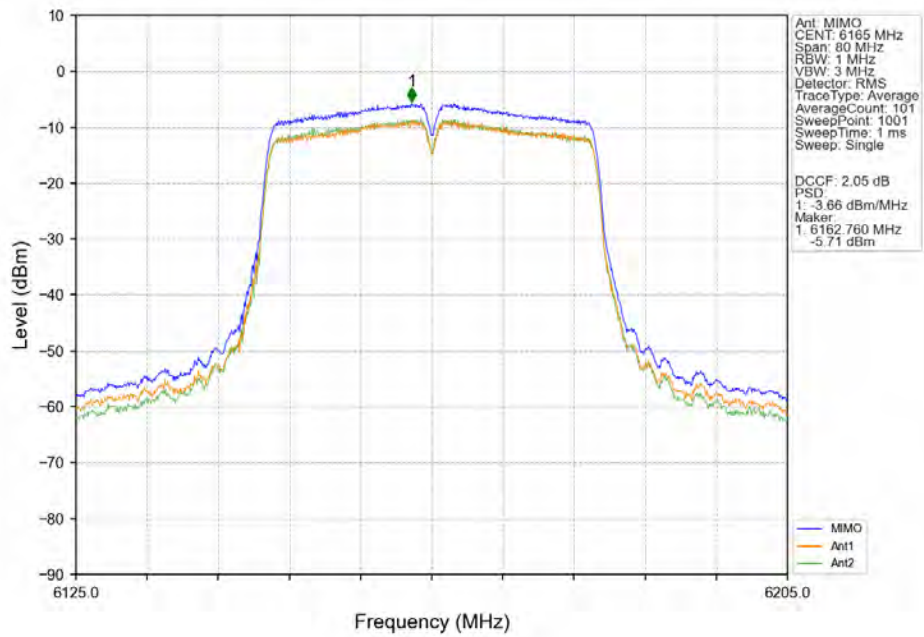
802.11n(HT40) MCH 6165MHz Ant1 NTN



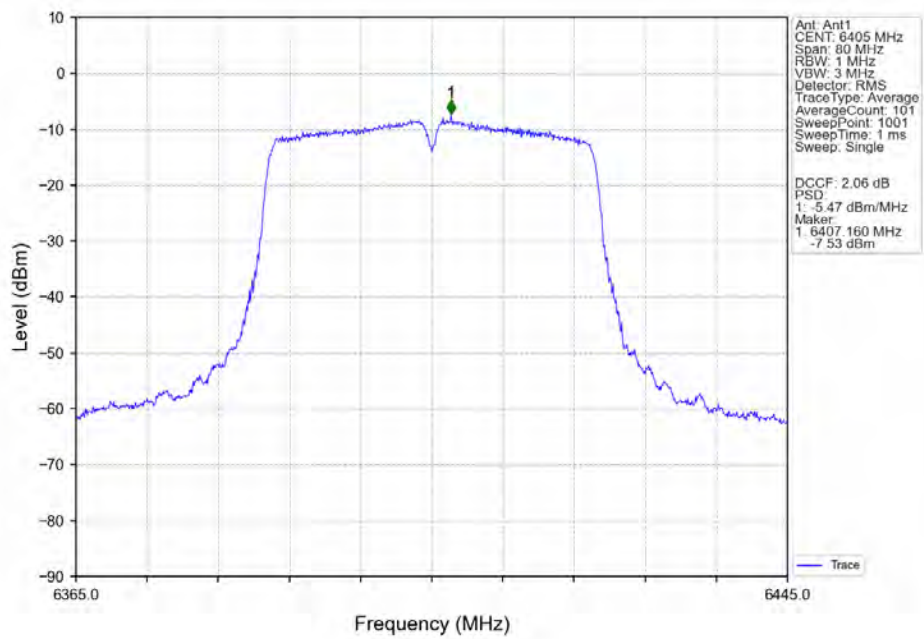
802.11n(HT40) MCH 6165MHz Ant2 NTN



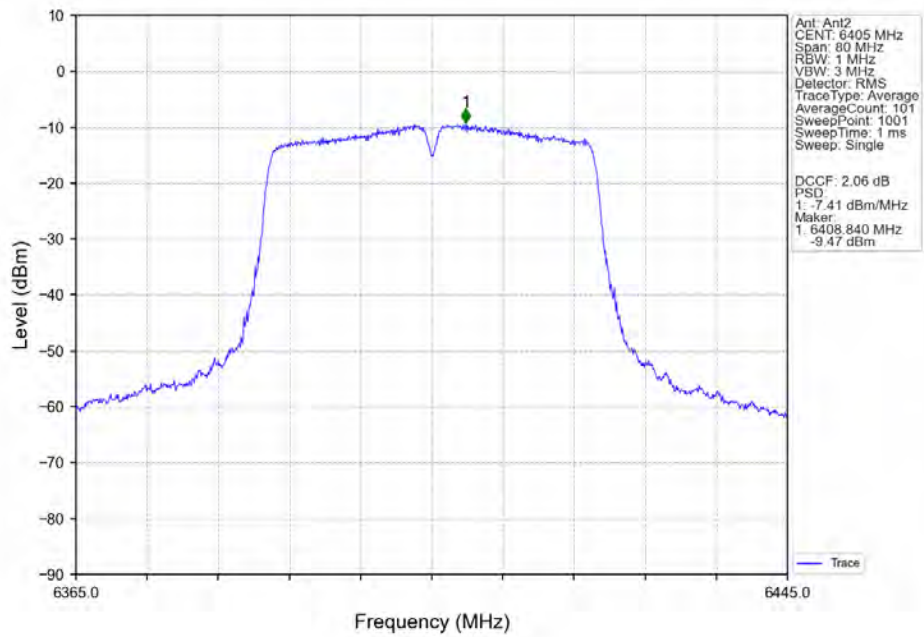
802.11n(HT40) MCH 6165MHz MIMO NTN



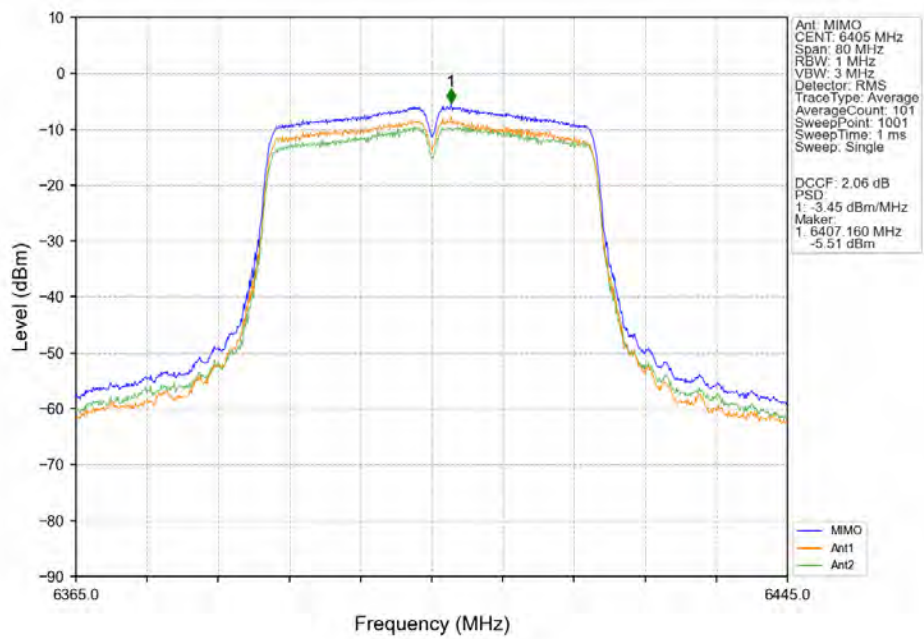
802.11n(HT40) HCH 6405MHz Ant1 NTN



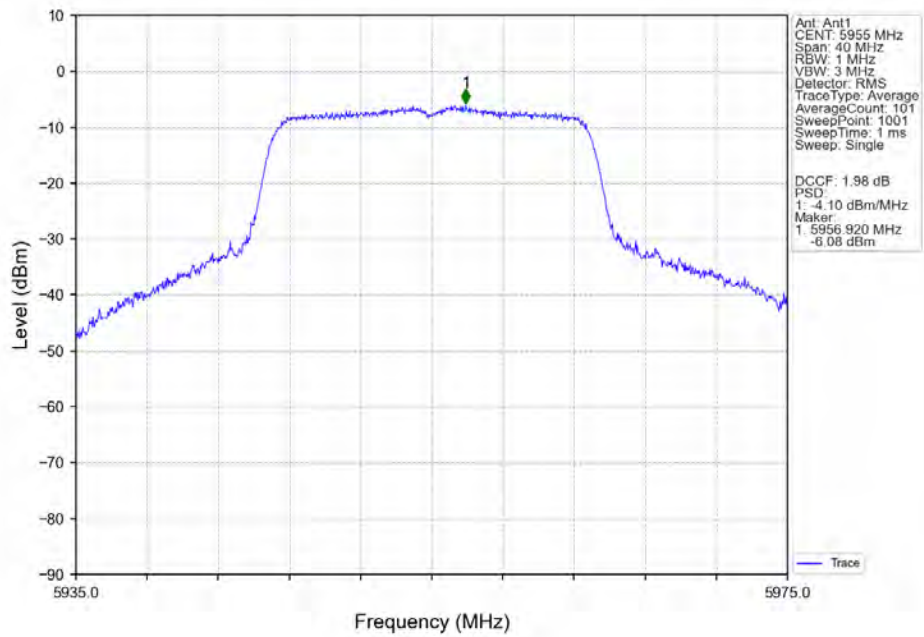
802.11n(HT40) HCH 6405MHz Ant2 NTN



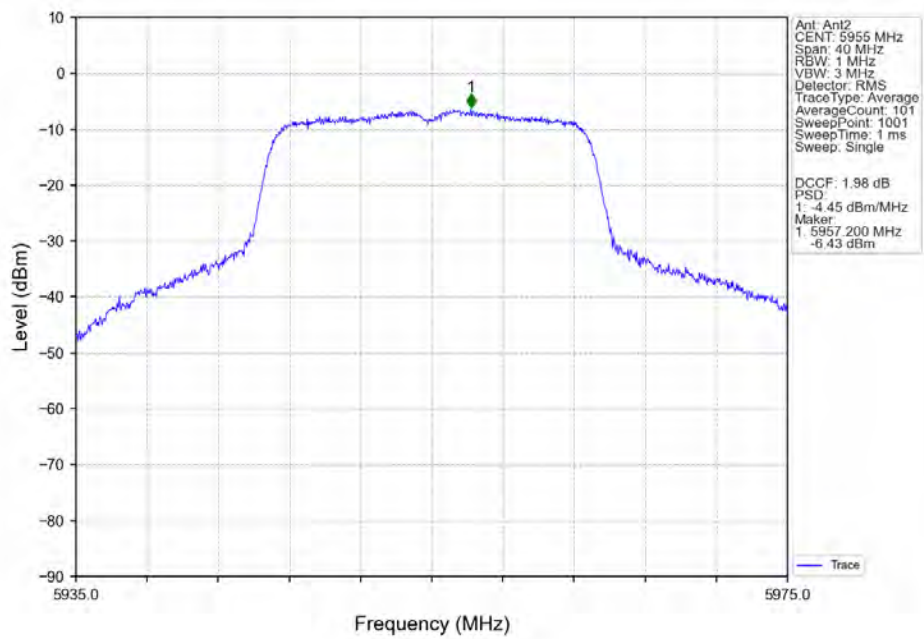
802.11n(HT40) HCH 6405MHz MIMO NTN



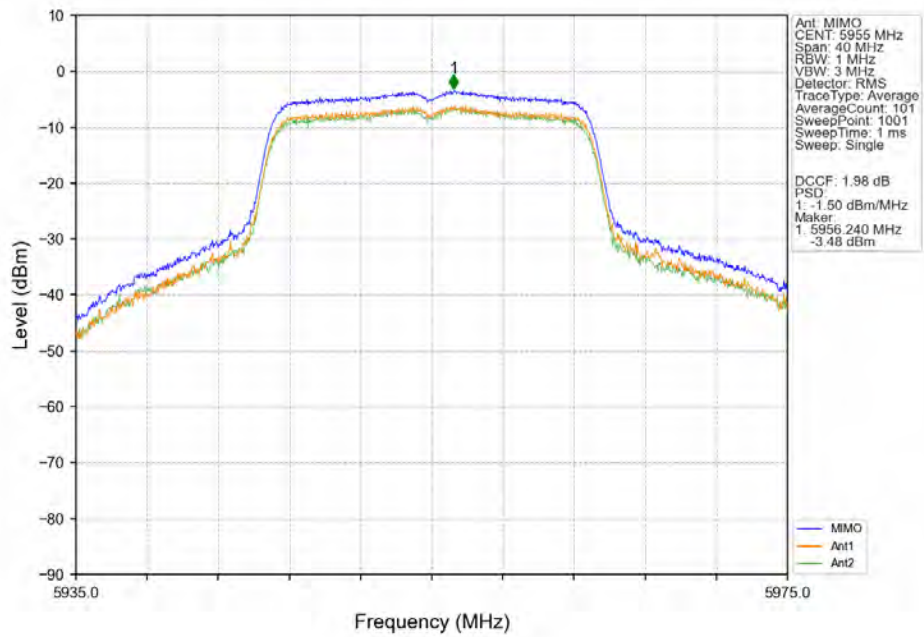
802.11ac(VHT20) LCH 5955MHz Ant1 NTNV



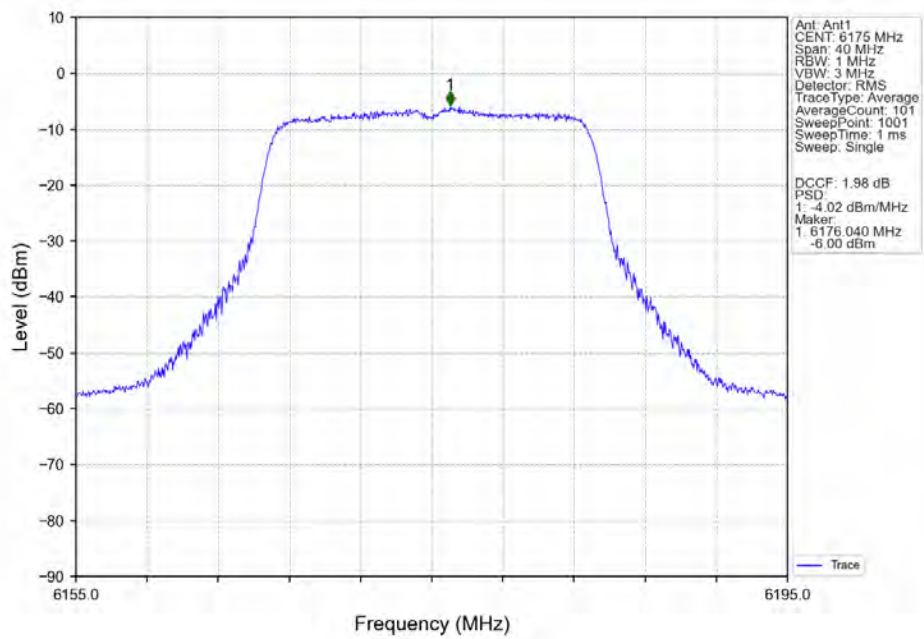
802.11ac(VHT20) LCH 5955MHz Ant2 NTNV



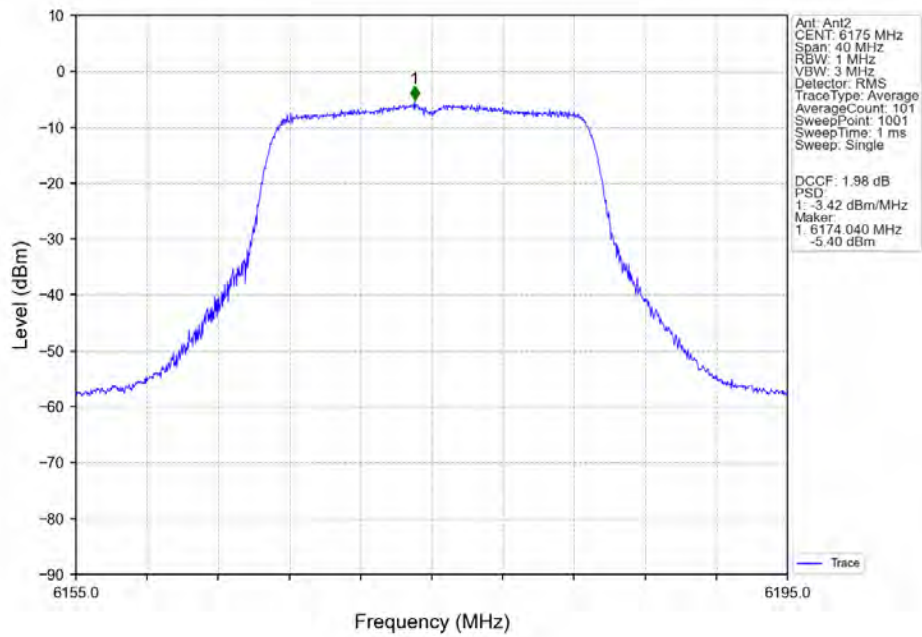
802.11ac(VHT20) LCH 5955MHz MIMO NTNV



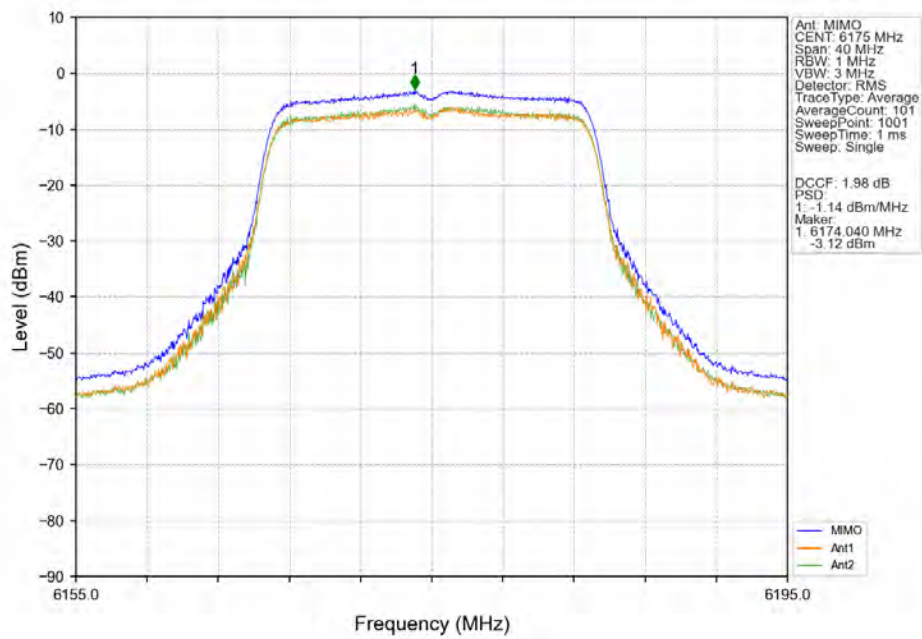
802.11ac(VHT20) MCH 6175MHz Ant1 NTNV



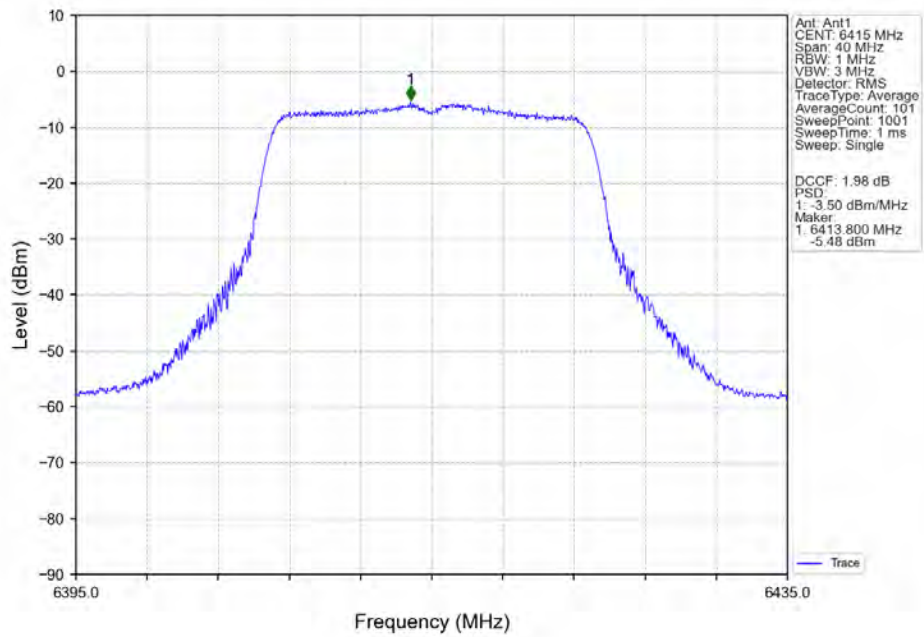
802.11ac(VHT20) MCH 6175MHz Ant2 NTNV



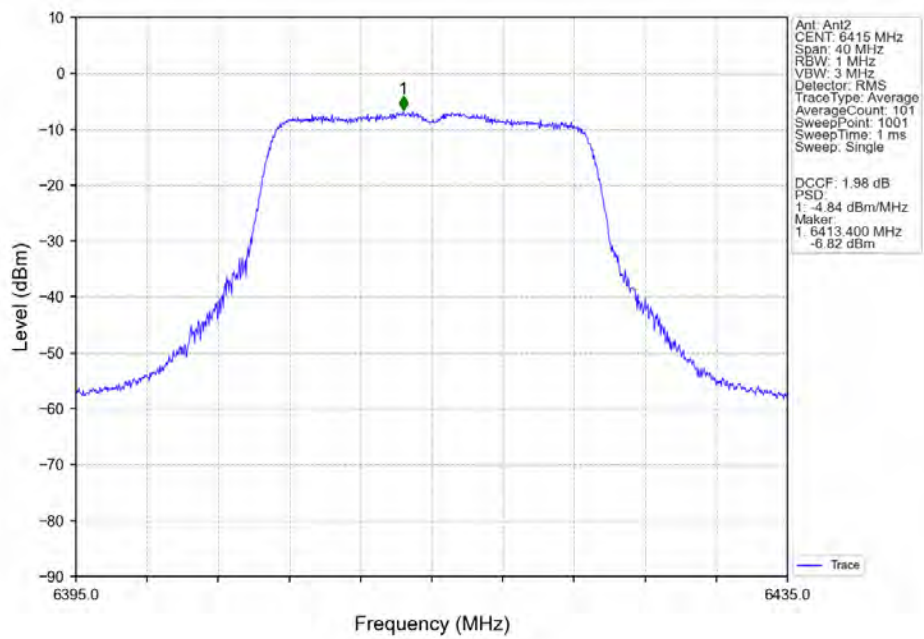
802.11ac(VHT20) MCH 6175MHz MIMO NTNV



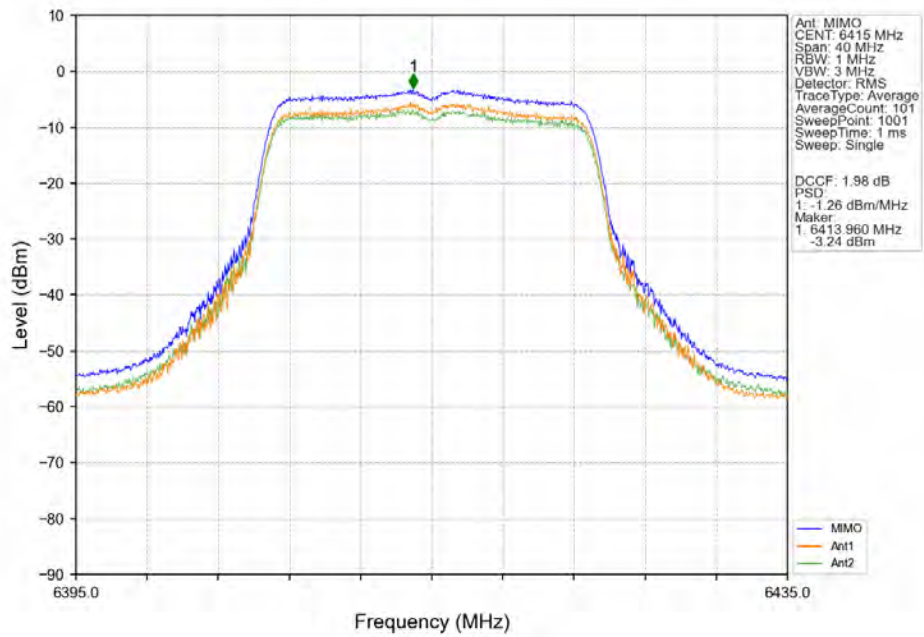
802.11ac(VHT20) HCH 6415MHz Ant1 NTNV



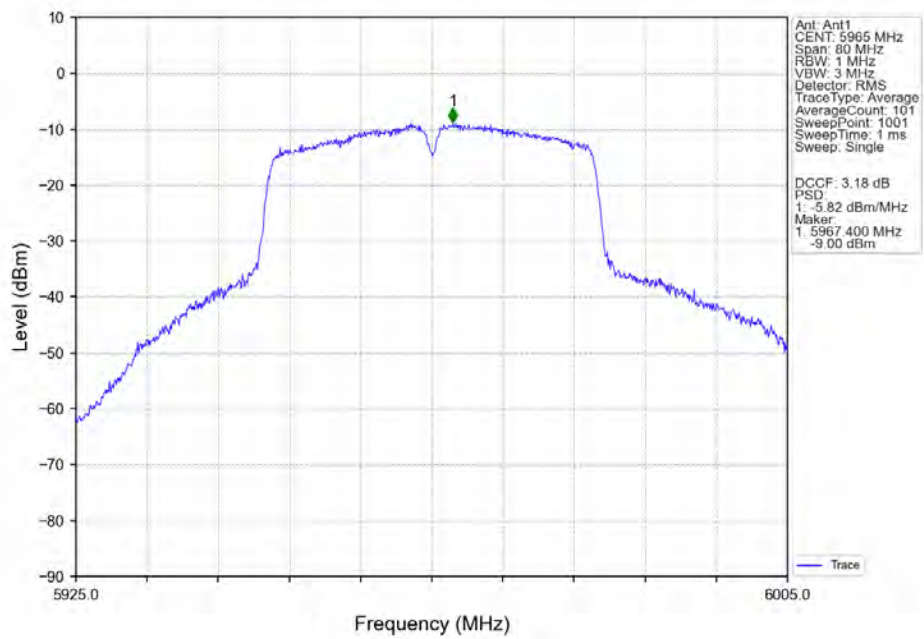
802.11ac(VHT20) HCH 6415MHz Ant2 NTNV



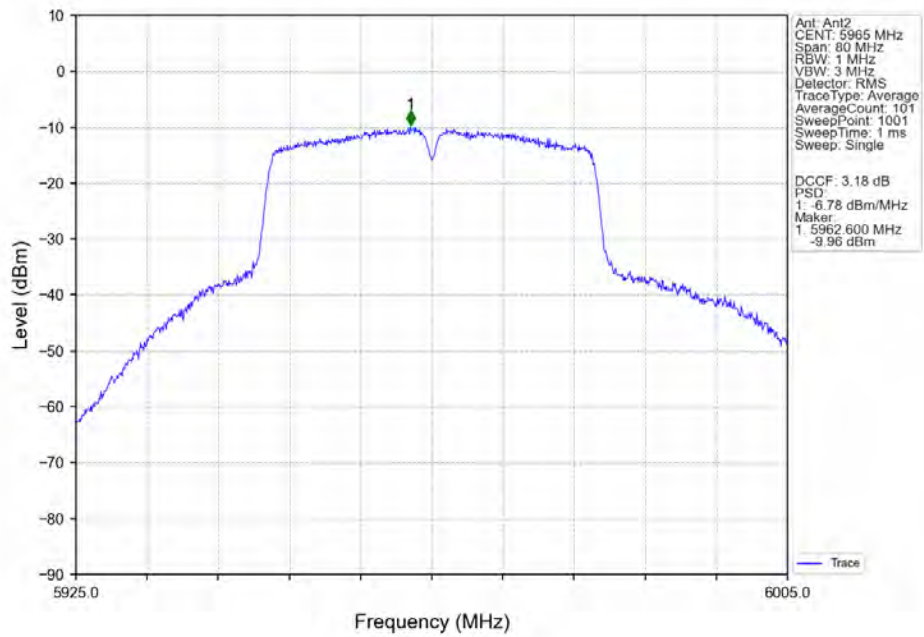
802.11ac(VHT20) HCH 6415MHz MIMO NTNV



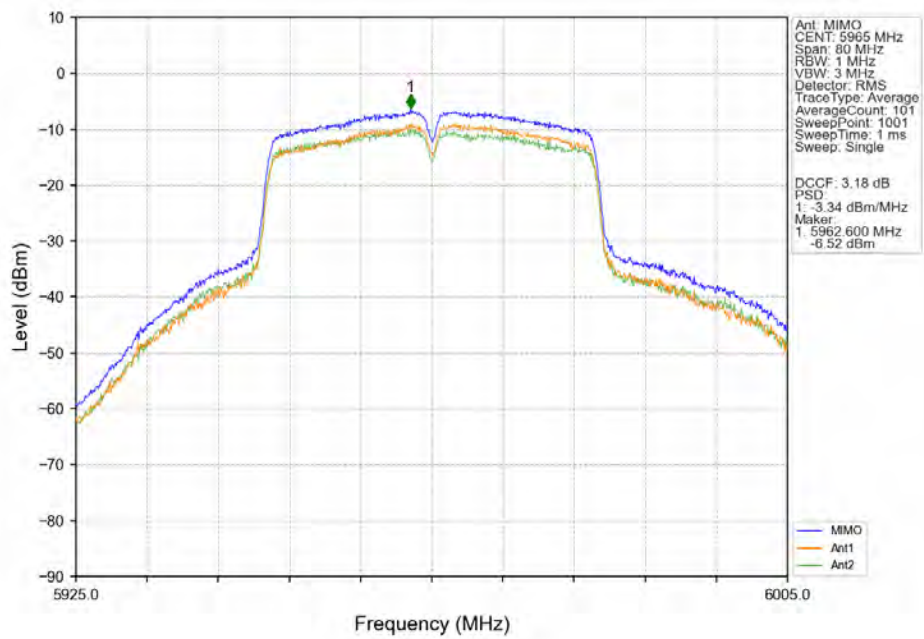
802.11ac(VHT40) LCH 5965MHz Ant1 NTNV



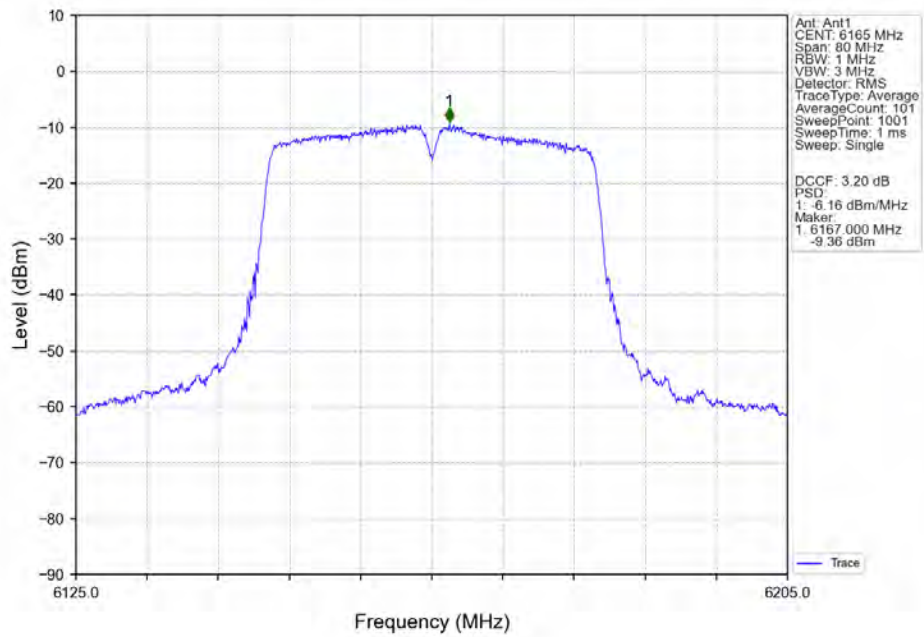
802.11ac(VHT40) LCH 5965MHz Ant2 NTN



802.11ac(VHT40) LCH 5965MHz MIMO NTN



802.11ac(VHT40) MCH 6165MHz Ant1 NTNV



802.11ac(VHT40) MCH 6165MHz Ant2 NTNV

