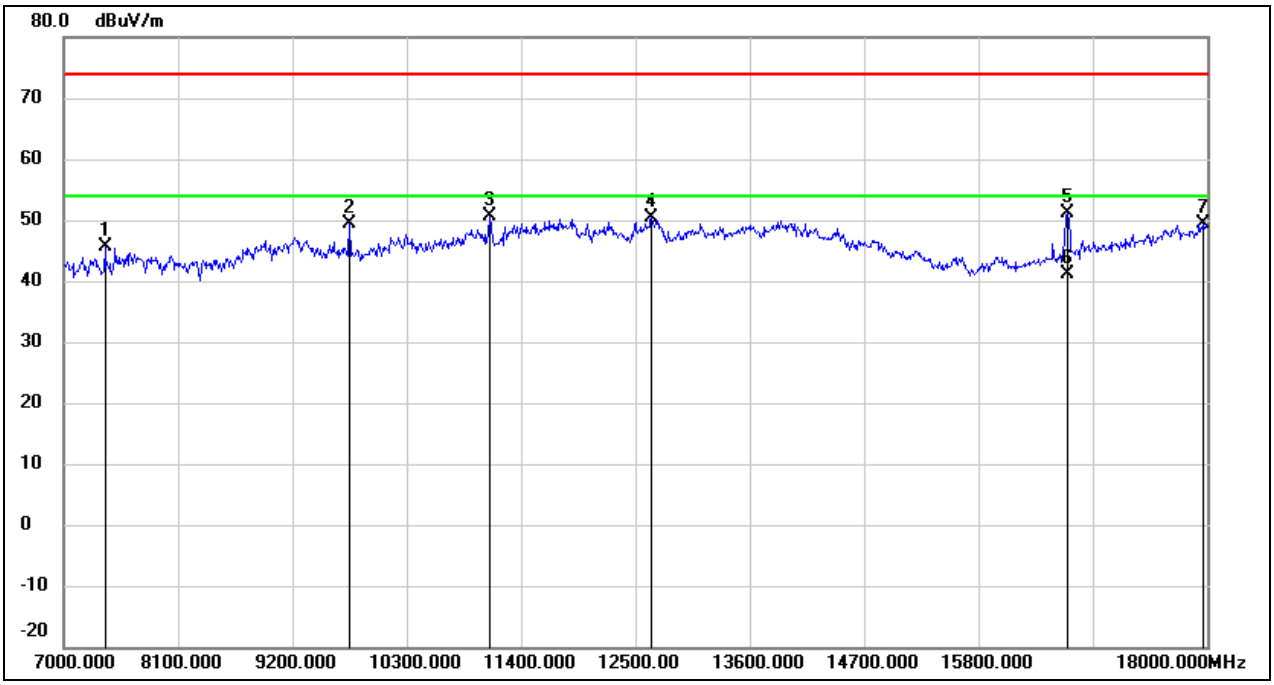
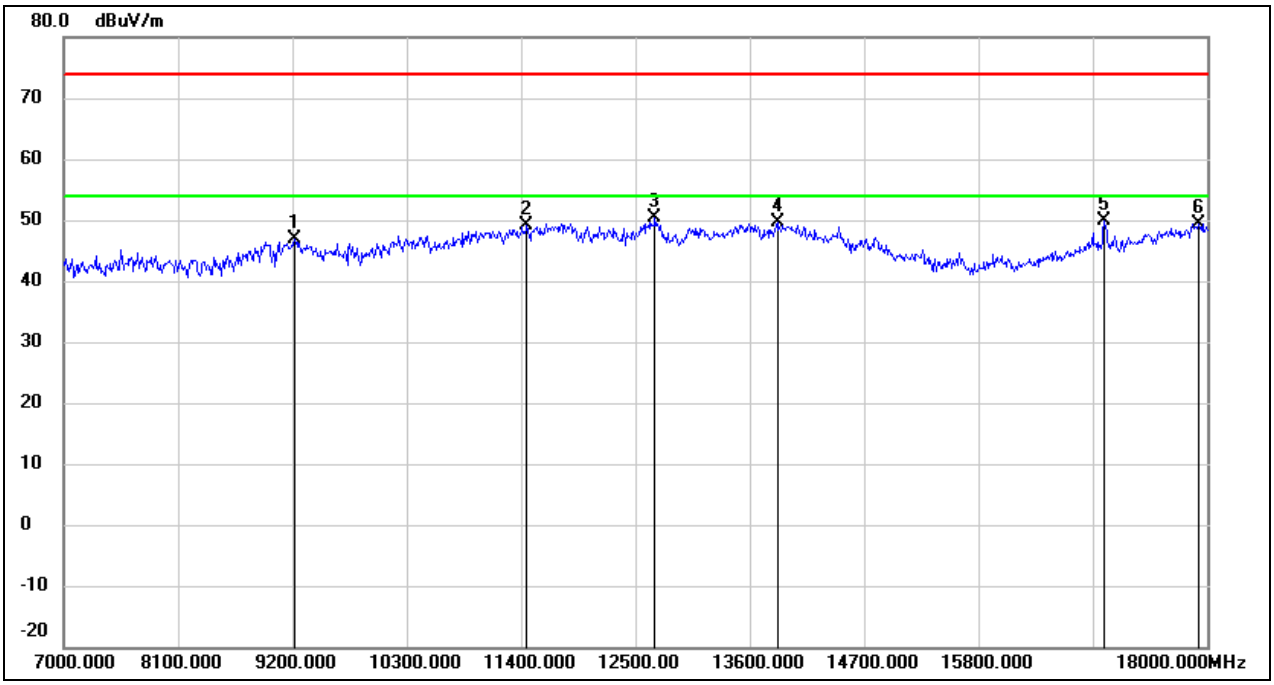
Test Mode:	802.11ax HE40	Channel:	5550 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



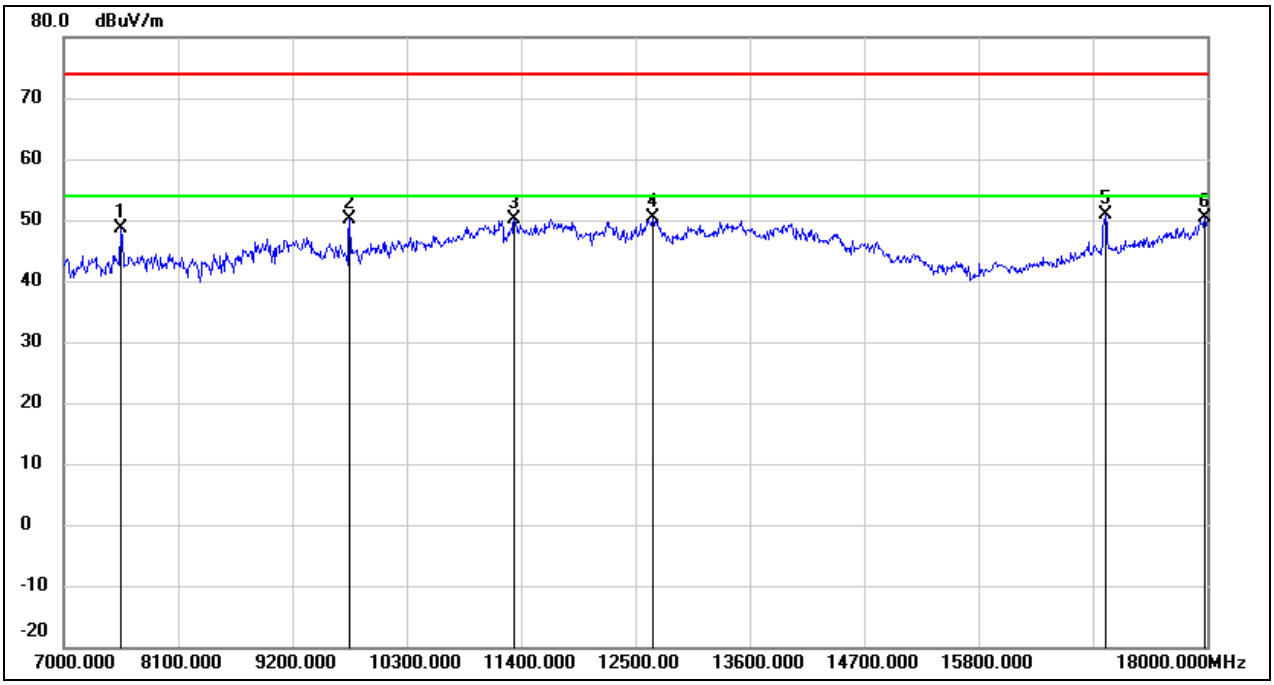
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7396.000	38.74	6.91	45.65	74.00	-28.35	peak
2	9750.000	38.16	11.21	49.37	74.00	-24.63	peak
3	11103.000	35.42	15.15	50.57	74.00	-23.43	peak
4	12654.000	32.49	18.01	50.50	74.00	-23.50	peak
5	16658.000	32.16	19.06	51.22	74.00	-22.78	peak
6	16658.000	22.10	19.06	41.16	54.00	-12.84	AVG
7	17967.000	23.40	25.89	49.29	74.00	-24.71	peak

Test Mode:	802.11ax HE40	Channel:	5670 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



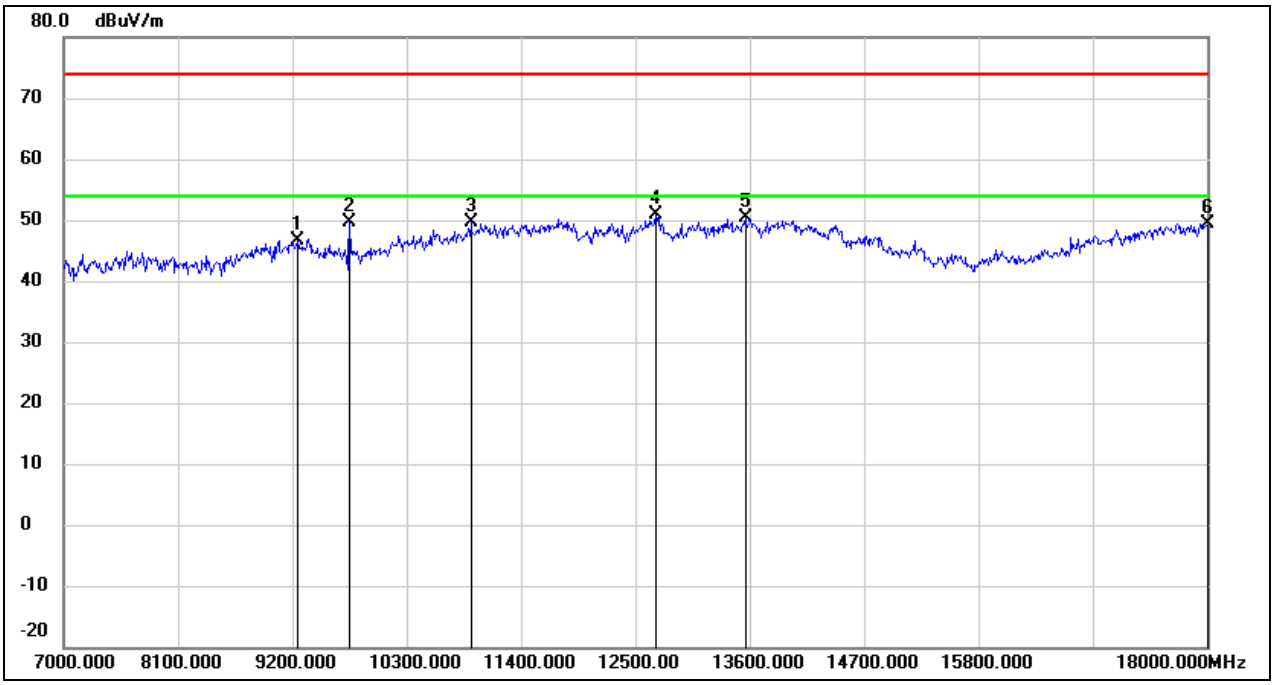
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9222.000	36.31	10.48	46.79	74.00	-27.21	peak
2	11455.000	32.49	16.58	49.07	74.00	-24.93	peak
3	12687.000	32.33	18.05	50.38	74.00	-23.62	peak
4	13864.000	28.13	21.53	49.66	74.00	-24.34	peak
5	17010.000	29.12	20.65	49.77	74.00	-24.23	peak
6	17923.000	23.88	25.60	49.48	74.00	-24.52	peak

Test Mode:	802.11ax HE40	Channel:	5670 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



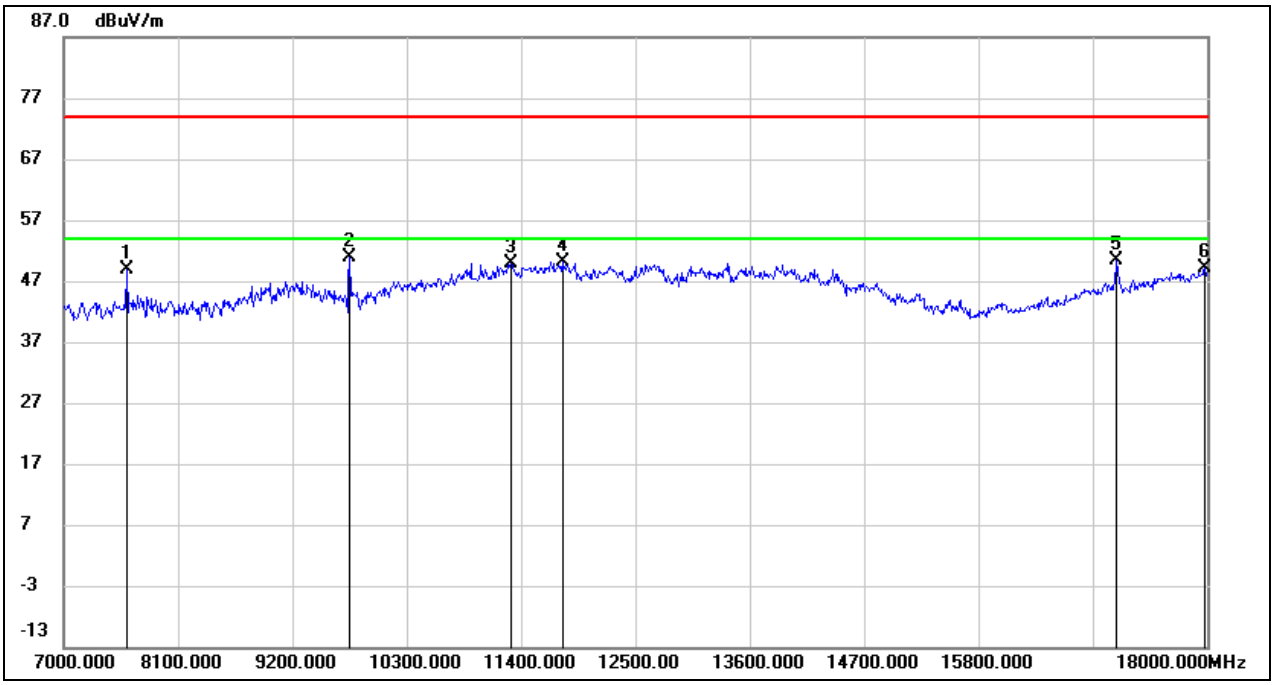
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7550.000	41.73	6.83	48.56	74.00	-25.44	peak
2	9750.000	38.93	11.21	50.14	74.00	-23.86	peak
3	11334.000	34.00	16.09	50.09	74.00	-23.91	peak
4	12665.000	32.35	18.04	50.39	74.00	-23.61	peak
5	17021.000	30.10	20.70	50.80	74.00	-23.20	peak
6	17978.000	24.50	25.97	50.47	74.00	-23.53	peak

Test Mode:	802.11ax HE40	Channel:	5710 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



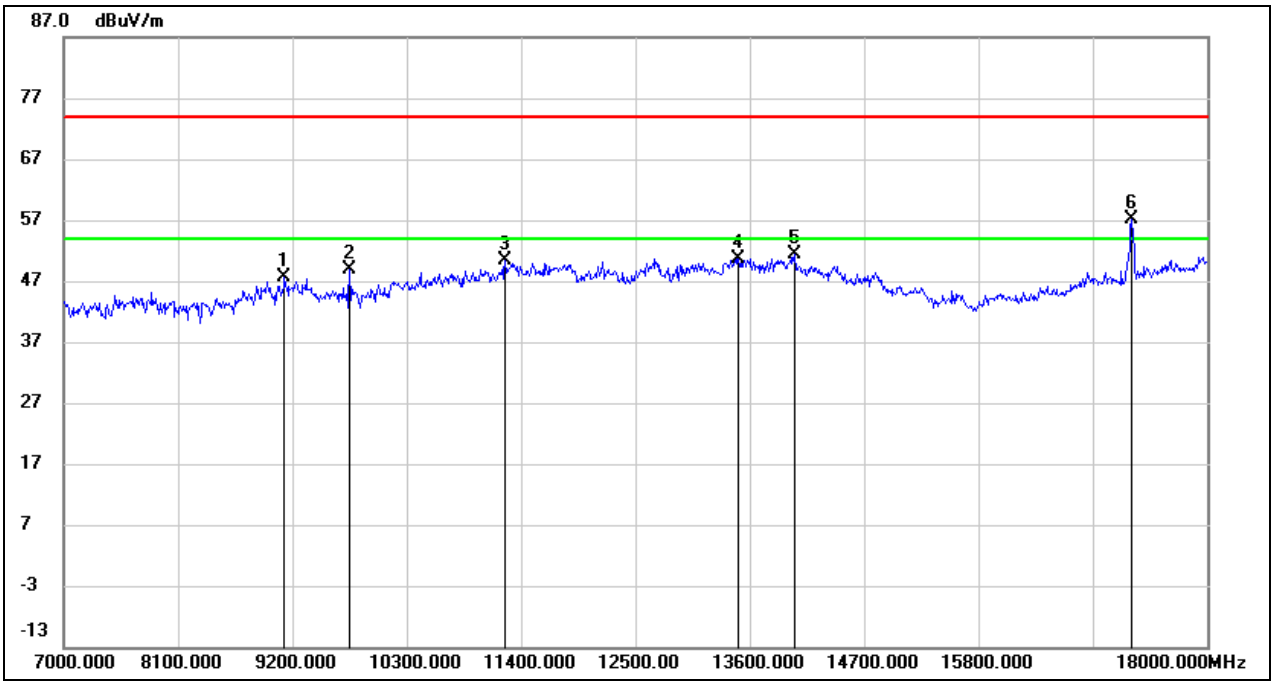
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9255.000	36.18	10.51	46.69	74.00	-27.31	peak
2	9750.000	38.49	11.21	49.70	74.00	-24.30	peak
3	10916.000	35.12	14.39	49.51	74.00	-24.49	peak
4	12698.000	32.91	18.08	50.99	74.00	-23.01	peak
5	13556.000	29.66	20.78	50.44	74.00	-23.56	peak
6	18000.000	23.36	26.12	49.48	74.00	-24.52	peak

Test Mode:	802.11ax HE40	Channel:	5710 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



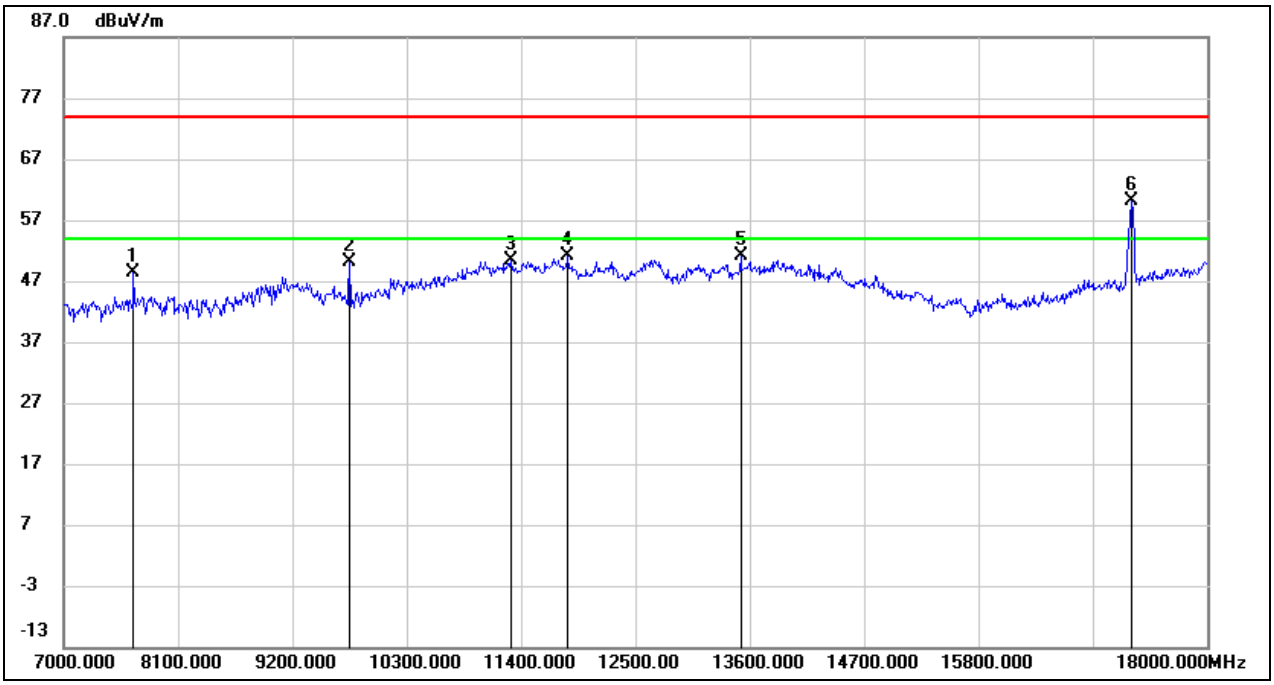
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7605.000	42.17	6.78	48.95	74.00	-25.05	peak
2	9750.000	39.61	11.21	50.82	74.00	-23.18	peak
3	11301.000	33.89	15.95	49.84	74.00	-24.16	peak
4	11796.000	32.85	17.32	50.17	74.00	-23.83	peak
5	17131.000	29.17	21.16	50.33	74.00	-23.67	peak
6	17978.000	23.07	25.97	49.04	74.00	-24.96	peak

Test Mode:	802.11ax HE40	Channel:	5755 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



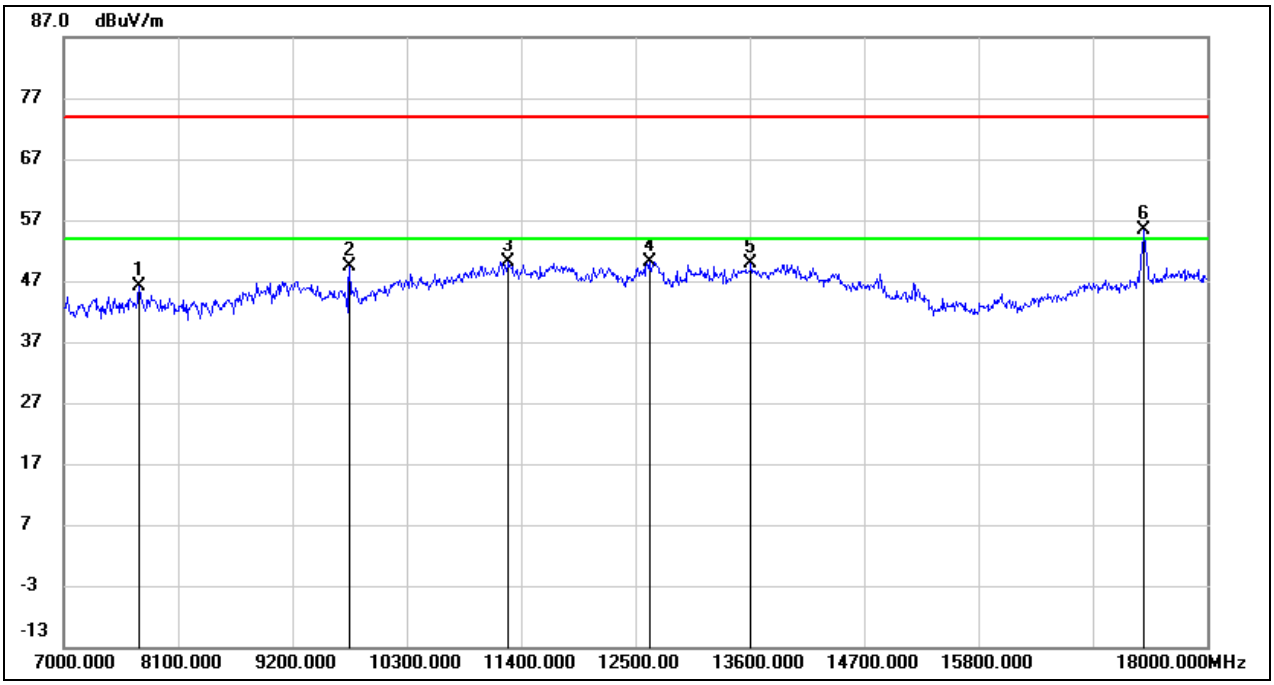
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9123.000	37.17	10.42	47.59	74.00	-26.41	peak
2	9750.000	37.73	11.21	48.94	74.00	-25.06	peak
3	11246.000	34.53	15.73	50.26	74.00	-23.74	peak
4	13490.000	30.01	20.60	50.61	74.00	-23.39	peak
5	14029.000	29.66	21.76	51.42	74.00	-22.58	peak
6	17274.000	35.36	21.76	57.12	68.20	-11.08	peak

Test Mode:	802.11ax HE40	Channel:	5755 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



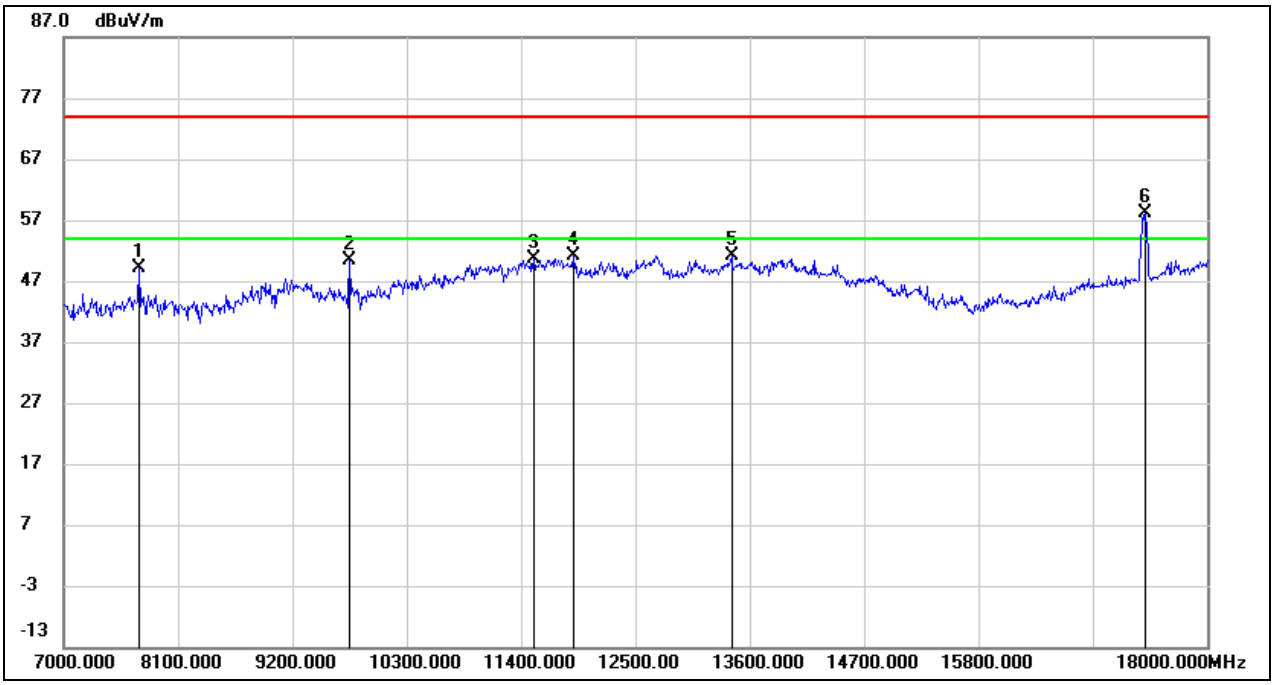
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7671.000	41.65	6.71	48.36	74.00	-25.64	peak
2	9750.000	38.94	11.21	50.15	74.00	-23.85	peak
3	11301.000	34.31	15.95	50.26	74.00	-23.74	peak
4	11851.000	33.63	17.43	51.06	74.00	-22.94	peak
5	13512.000	30.47	20.68	51.15	74.00	-22.85	peak
6	17274.000	38.26	21.76	60.02	68.20	-8.18	peak

Test Mode:	802.11ax HE40	Channel:	5795 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



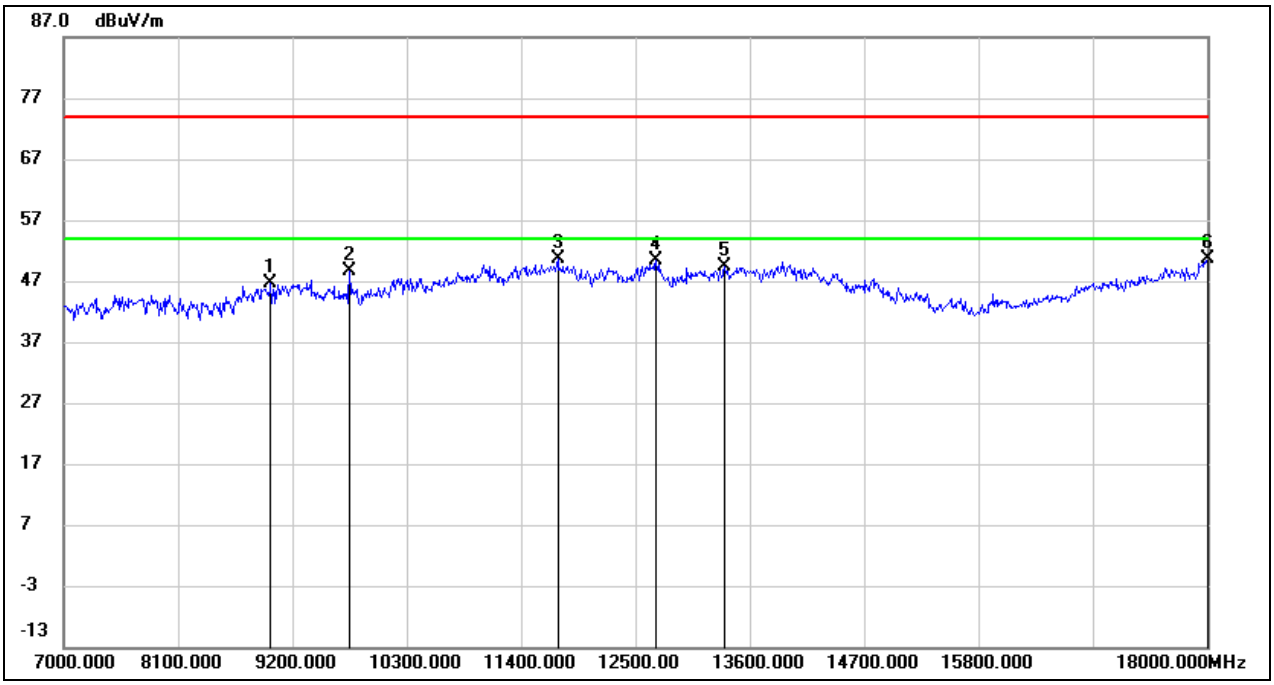
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7726.000	39.53	6.68	46.21	74.00	-27.79	peak
2	9750.000	38.21	11.21	49.42	74.00	-24.58	peak
3	11279.000	34.30	15.86	50.16	74.00	-23.84	peak
4	12632.000	32.13	17.99	50.12	74.00	-23.88	peak
5	13611.000	29.06	20.92	49.98	74.00	-24.02	peak
6	17395.000	33.00	22.26	55.26	68.20	-12.94	peak

Test Mode:	802.11ax HE40	Channel:	5795 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



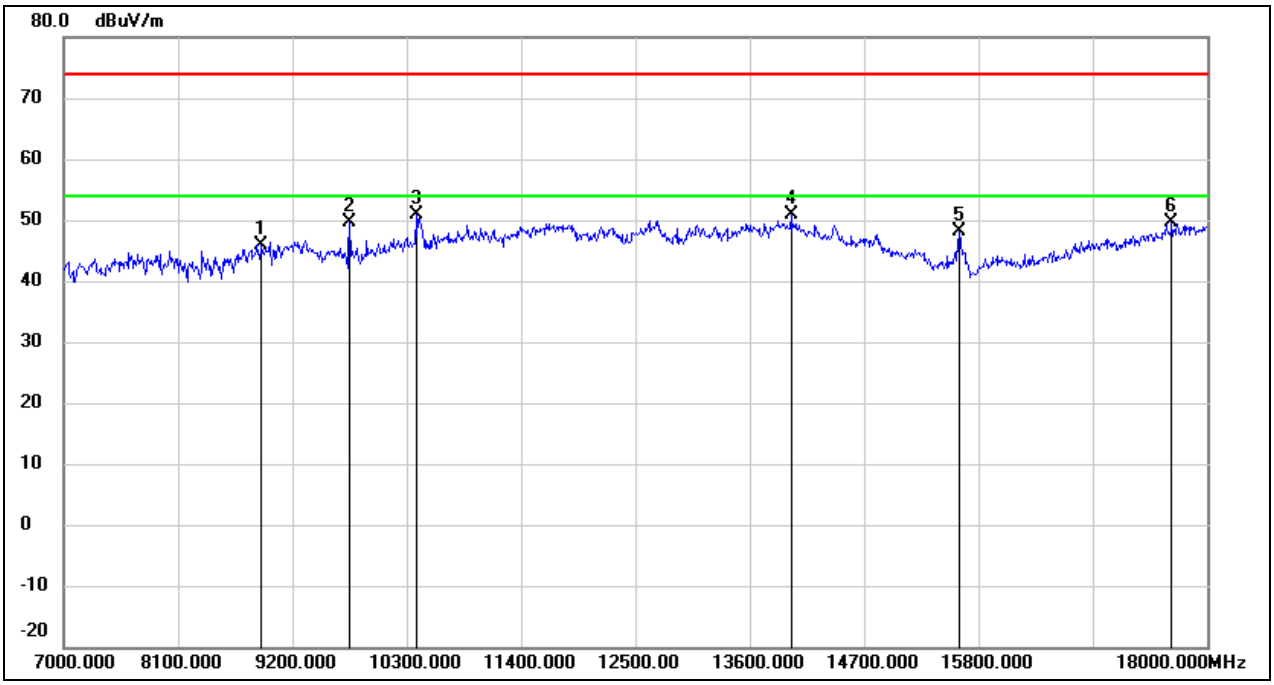
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7726.000	42.43	6.68	49.11	74.00	-24.89	peak
2	9750.000	39.27	11.21	50.48	74.00	-23.52	peak
3	11521.000	33.86	16.82	50.68	74.00	-23.32	peak
4	11906.000	33.61	17.52	51.13	74.00	-22.87	peak
5	13424.000	30.79	20.30	51.09	74.00	-22.91	peak
6	17406.000	35.70	22.31	58.01	68.20	-10.19	peak

Test Mode:	802.11ax HE80	Channel:	5210 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



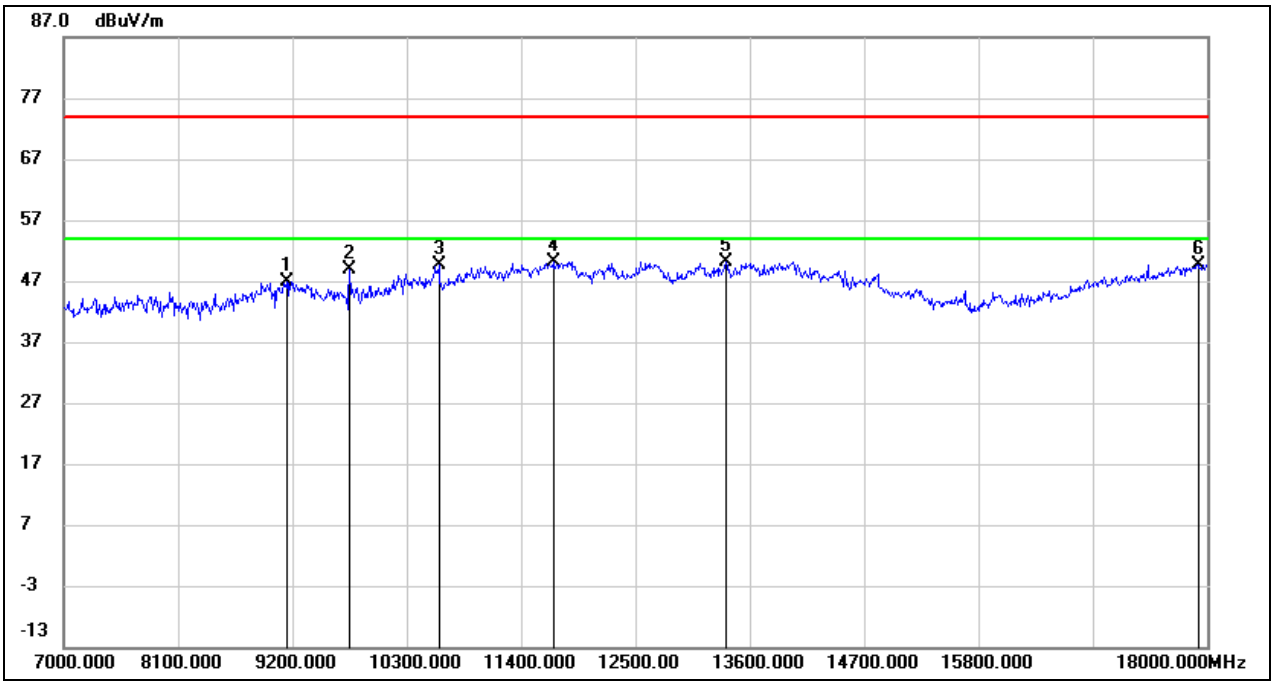
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8991.000	36.31	10.28	46.59	74.00	-27.41	peak
2	9750.000	37.35	11.21	48.56	74.00	-25.44	peak
3	11752.000	33.33	17.24	50.57	74.00	-23.43	peak
4	12698.000	32.25	18.08	50.33	74.00	-23.67	peak
5	13358.000	29.48	20.02	49.50	74.00	-24.50	peak
6	18000.000	24.58	26.12	50.70	74.00	-23.30	peak

Test Mode:	802.11ax HE80	Channel:	5210 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



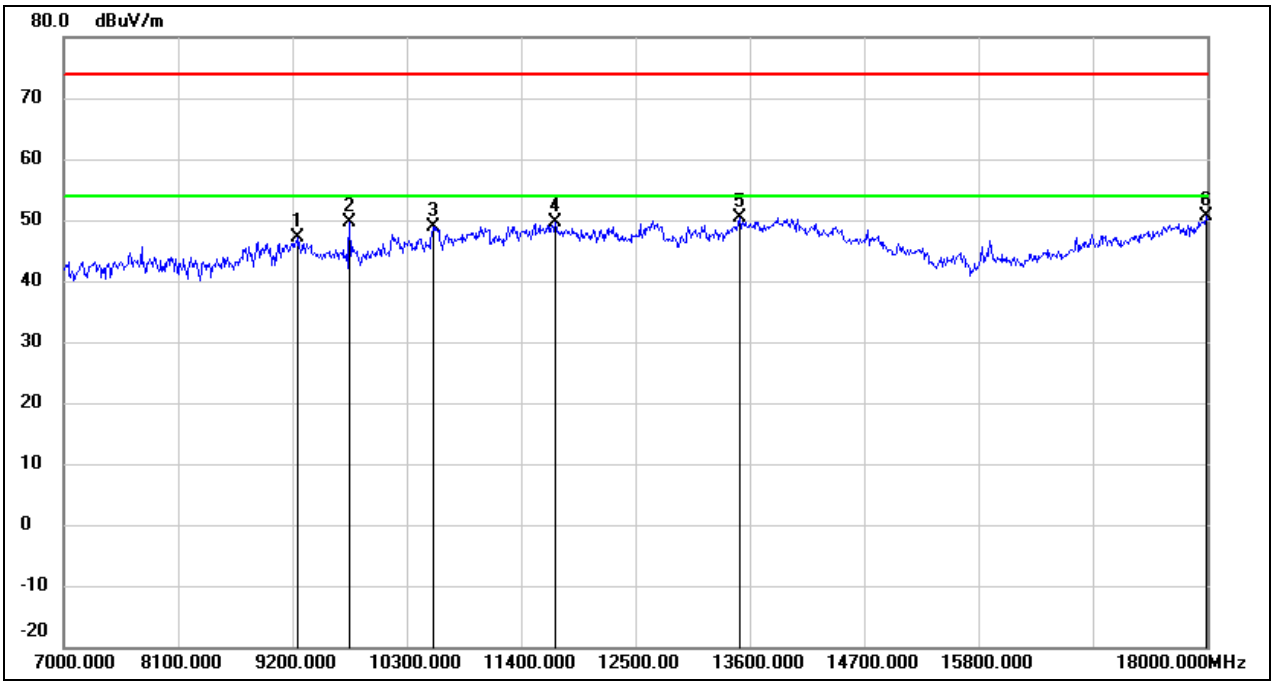
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8903.000	36.25	9.66	45.91	74.00	-28.09	peak
2	9750.000	38.30	11.21	49.51	74.00	-24.49	peak
3	10388.000	38.20	12.59	50.79	74.00	-23.21	peak
4	13996.000	28.91	21.87	50.78	74.00	-23.22	peak
5	15613.000	31.27	16.76	48.03	74.00	-25.97	peak
6	17659.000	25.96	23.78	49.74	74.00	-24.26	peak

Test Mode:	802.11ax HE80	Channel:	5290 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



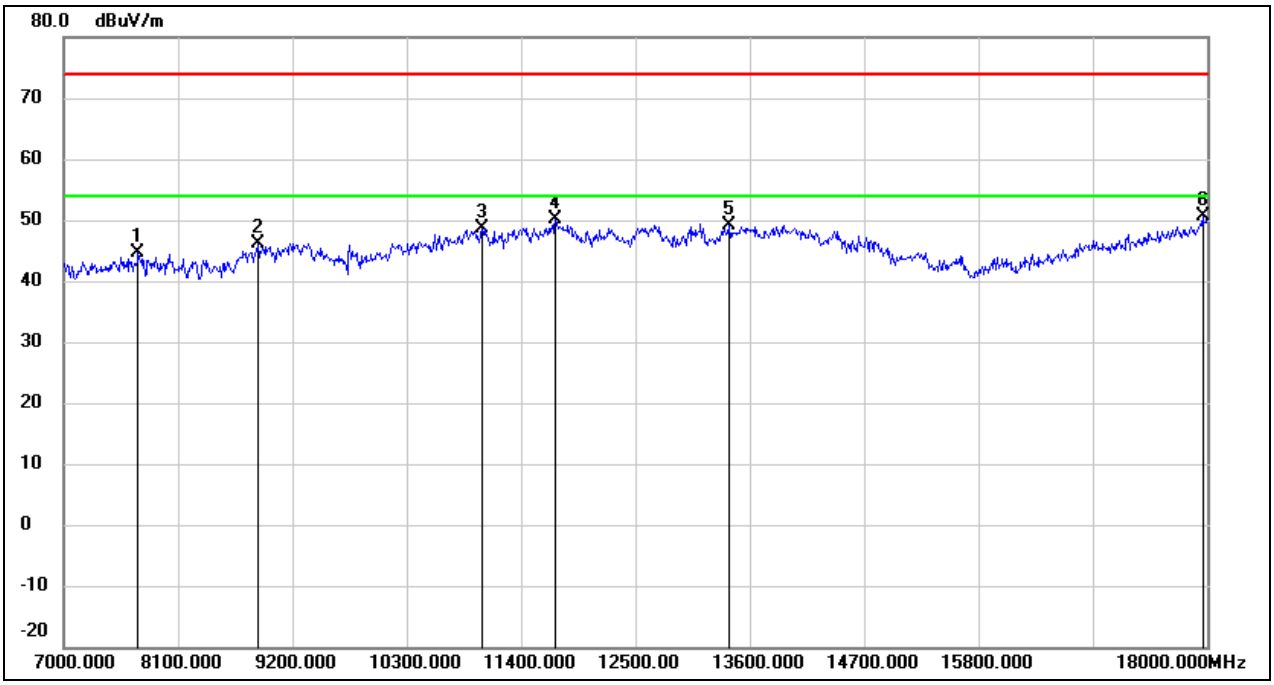
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9145.000	36.37	10.43	46.80	74.00	-27.20	peak
2	9750.000	37.74	11.21	48.95	74.00	-25.05	peak
3	10608.000	36.43	13.23	49.66	74.00	-24.34	peak
4	11708.000	32.97	17.16	50.13	74.00	-23.87	peak
5	13369.000	29.96	20.06	50.02	74.00	-23.98	peak
6	17912.000	24.22	25.52	49.74	74.00	-24.26	peak

Test Mode:	802.11ax HE80	Channel:	5290 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



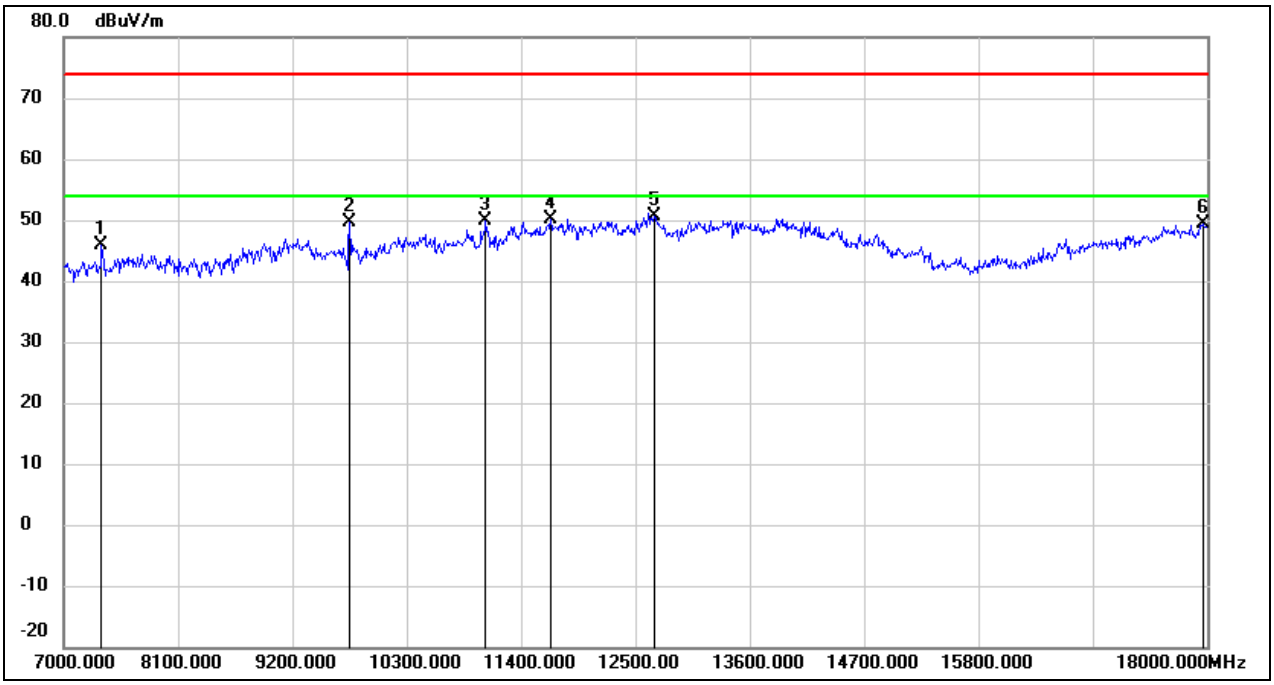
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9255.000	36.65	10.51	47.16	74.00	-26.84	peak
2	9750.000	38.34	11.21	49.55	74.00	-24.45	peak
3	10553.000	35.93	13.02	48.95	74.00	-25.05	peak
4	11730.000	32.38	17.19	49.57	74.00	-24.43	peak
5	13501.000	29.82	20.64	50.46	74.00	-23.54	peak
6	17989.000	24.64	26.04	50.68	74.00	-23.32	peak

Test Mode:	802.11ax HE80	Channel:	5530 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



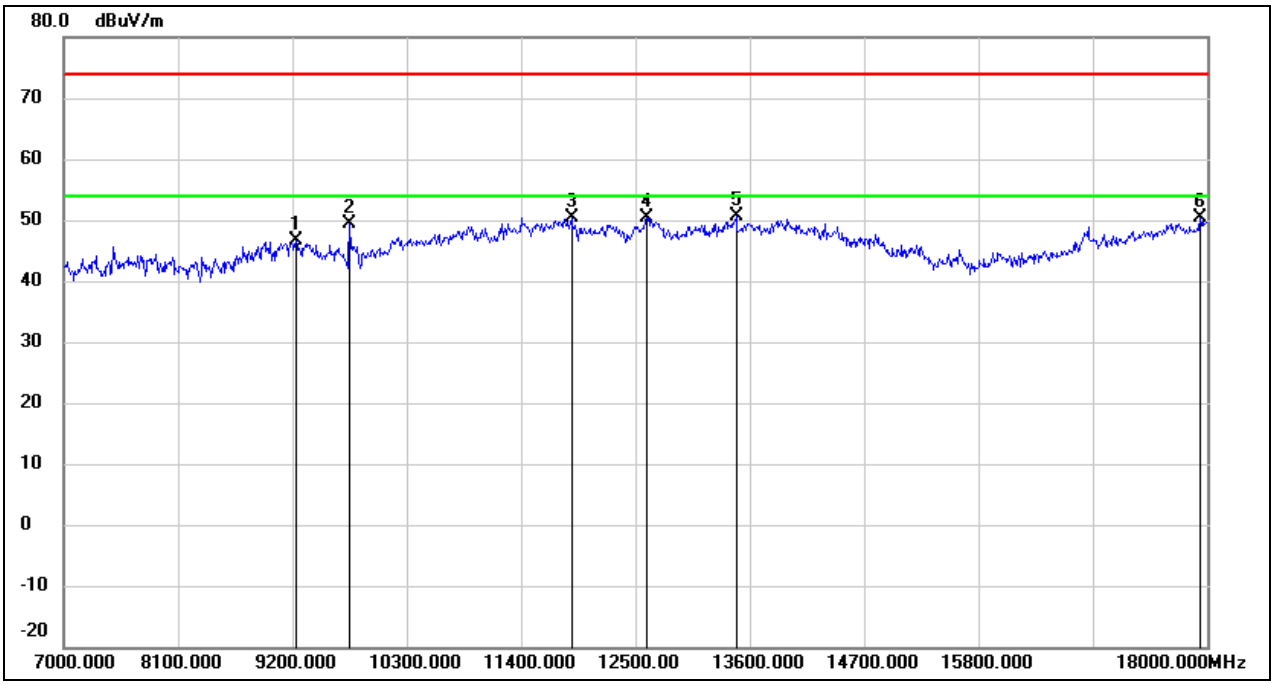
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7715.000	37.88	6.68	44.56	74.00	-29.44	peak
2	8870.000	36.73	9.44	46.17	74.00	-27.83	peak
3	11026.000	33.73	14.82	48.55	74.00	-25.45	peak
4	11730.000	32.99	17.19	50.18	74.00	-23.82	peak
5	13402.000	28.83	20.20	49.03	74.00	-24.97	peak
6	17956.000	24.73	25.82	50.55	74.00	-23.45	peak

Test Mode:	802.11ax HE80	Channel:	5530 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



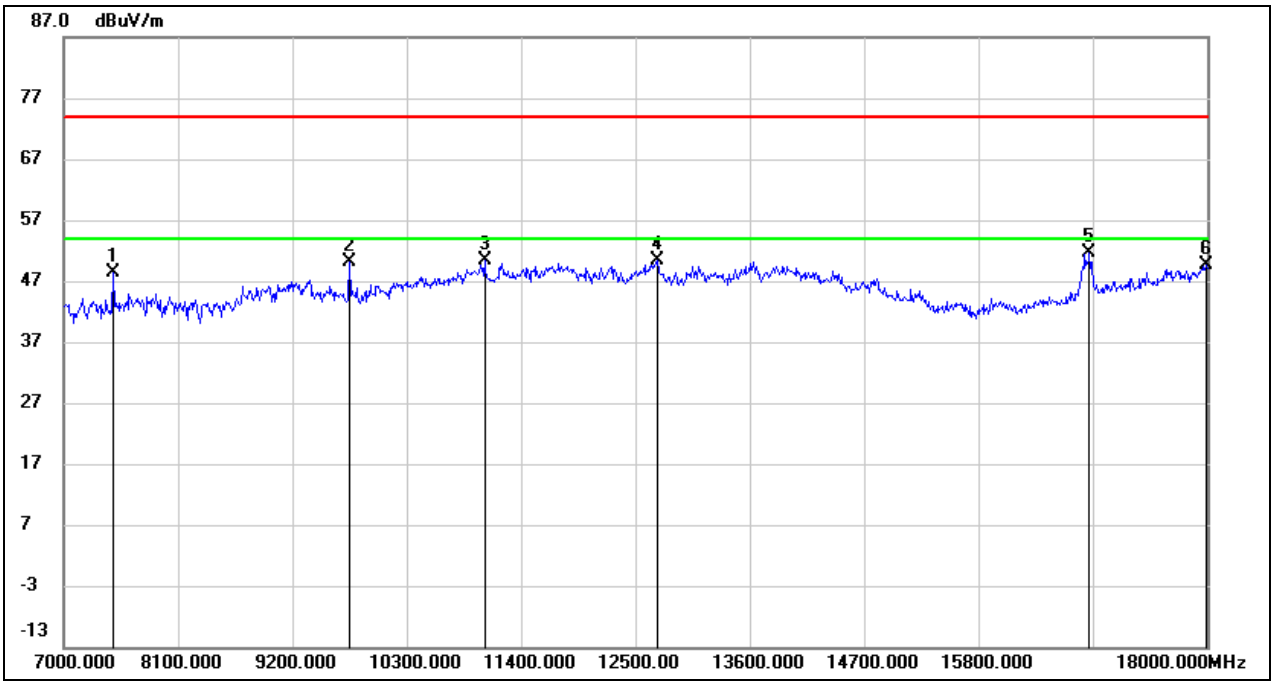
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7363.000	38.84	6.92	45.76	74.00	-28.24	peak
2	9750.000	38.46	11.21	49.67	74.00	-24.33	peak
3	11059.000	35.02	14.96	49.98	74.00	-24.02	peak
4	11686.000	33.01	17.12	50.13	74.00	-23.87	peak
5	12687.000	32.63	18.05	50.68	74.00	-23.32	peak
6	17967.000	23.50	25.89	49.39	74.00	-24.61	peak

Test Mode:	802.11ax HE80	Channel:	5610 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



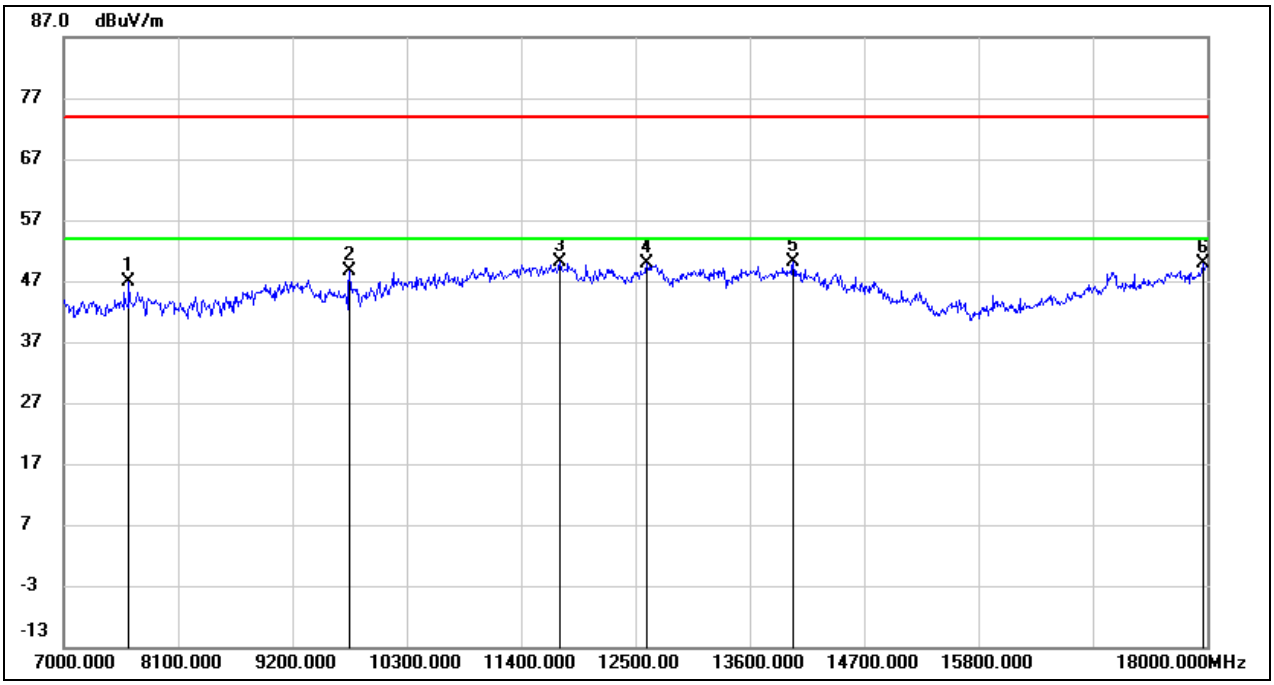
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9233.000	36.05	10.48	46.53	74.00	-27.47	peak
2	9750.000	38.26	11.21	49.47	74.00	-24.53	peak
3	11884.000	32.85	17.48	50.33	74.00	-23.67	peak
4	12610.000	32.49	17.97	50.46	74.00	-23.54	peak
5	13468.000	30.23	20.50	50.73	74.00	-23.27	peak
6	17934.000	24.64	25.67	50.31	74.00	-23.69	peak

Test Mode:	802.11ax HE80	Channel:	5610 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



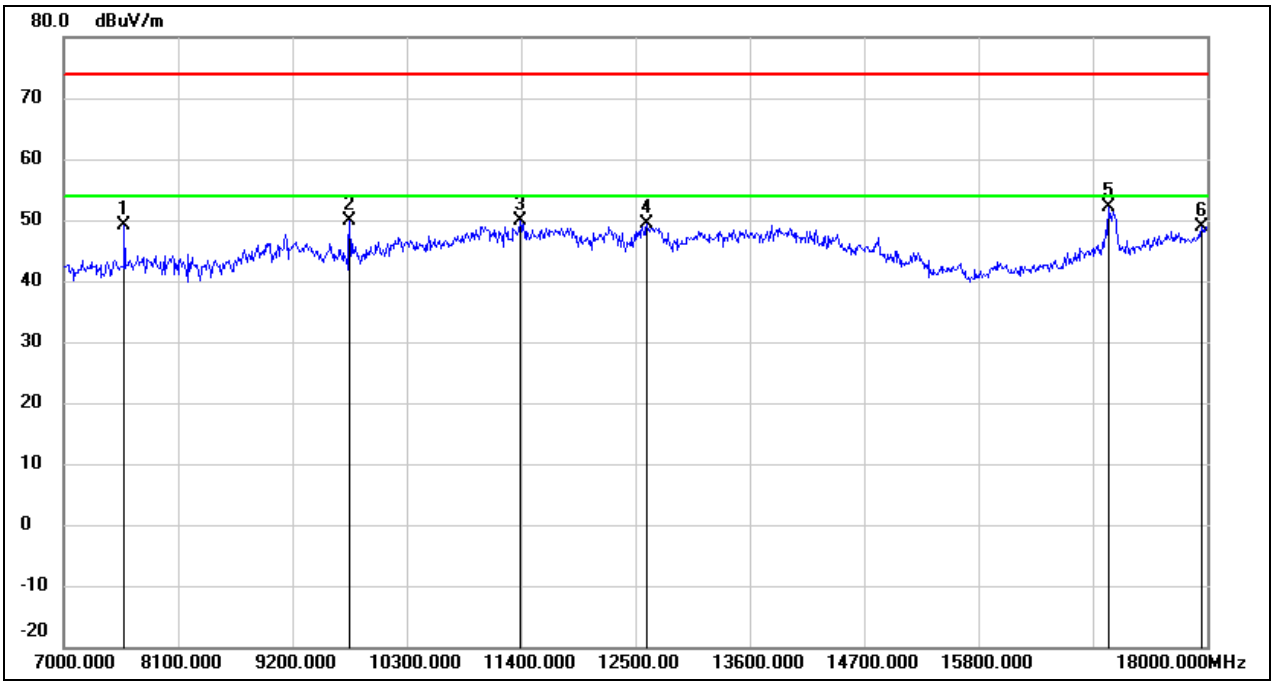
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7473.000	41.43	6.88	48.31	74.00	-25.69	peak
2	9750.000	38.86	11.21	50.07	74.00	-23.93	peak
3	11048.000	35.44	14.91	50.35	74.00	-23.65	peak
4	12709.000	32.26	18.09	50.35	74.00	-23.65	peak
5	16867.000	31.52	20.00	51.52	74.00	-22.48	peak
6	17989.000	23.59	26.04	49.63	74.00	-24.37	peak

Test Mode:	802.11ax HE80	Channel:	5690 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



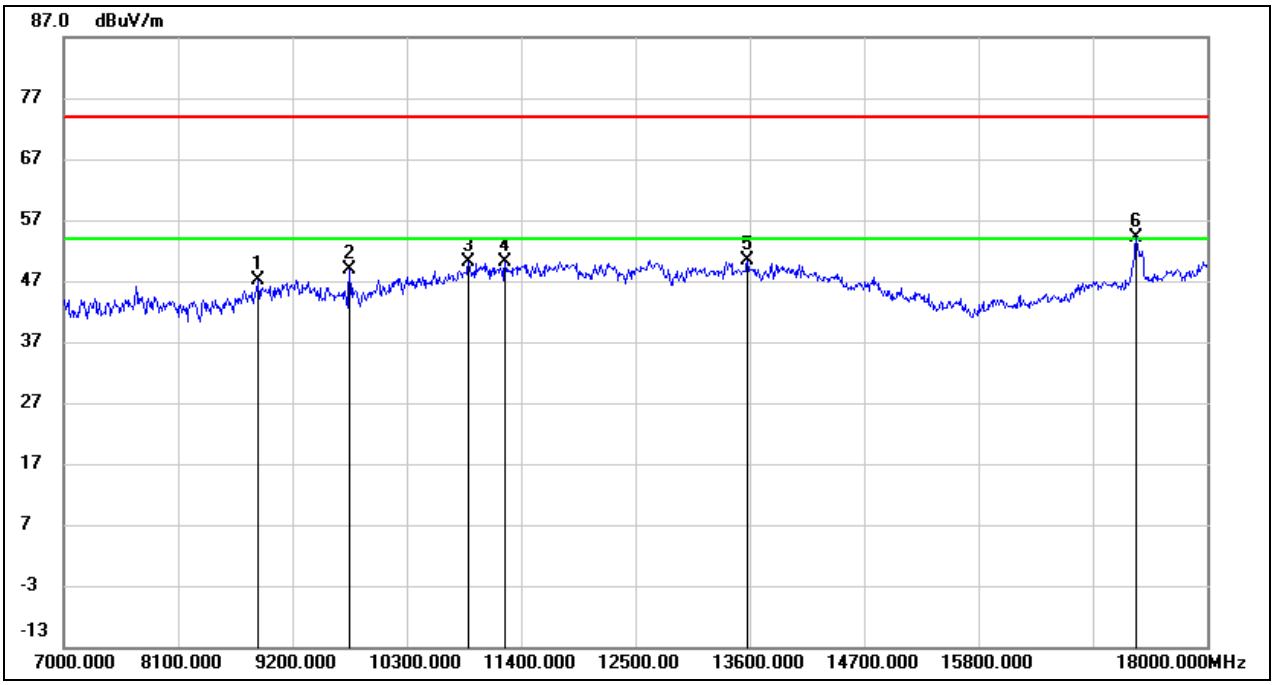
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7627.000	40.04	6.76	46.80	74.00	-27.20	peak
2	9750.000	37.32	11.21	48.53	74.00	-25.47	peak
3	11774.000	32.91	17.28	50.19	74.00	-23.81	peak
4	12610.000	31.96	17.97	49.93	74.00	-24.07	peak
5	14018.000	28.24	21.80	50.04	74.00	-23.96	peak
6	17967.000	24.01	25.89	49.90	74.00	-24.10	peak

Test Mode:	802.11ax HE80	Channel:	5690 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



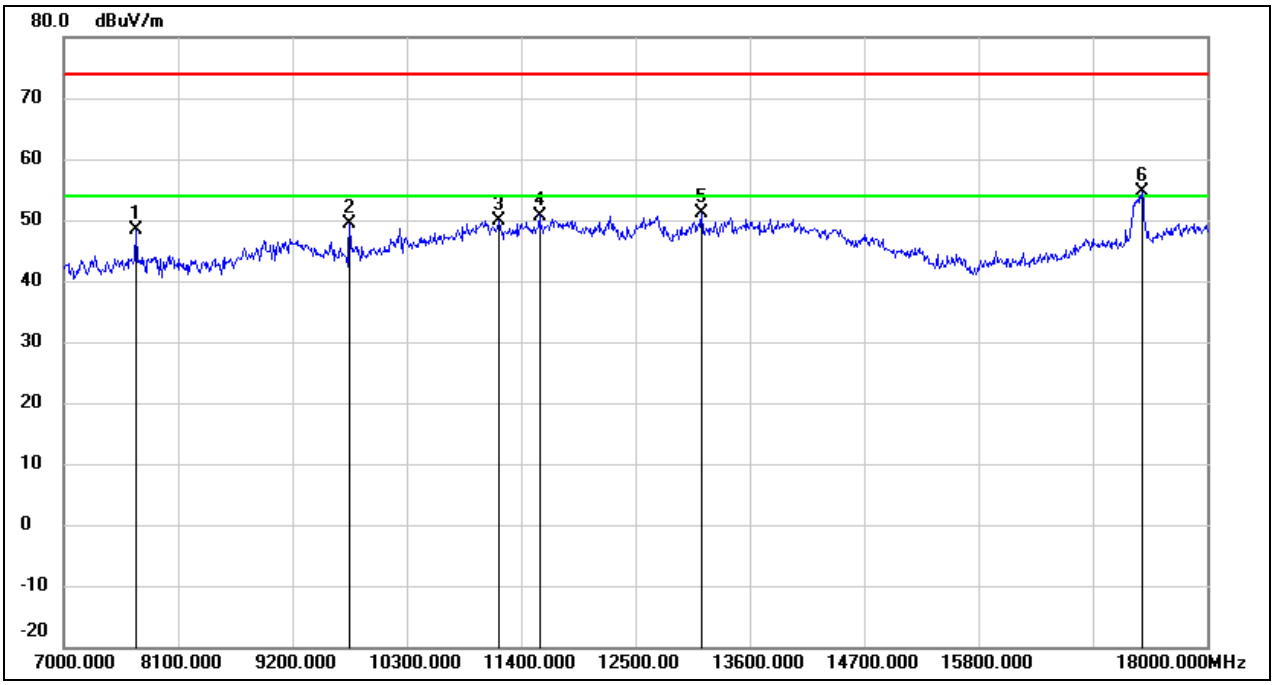
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7583.000	42.22	6.80	49.02	74.00	-24.98	peak
2	9750.000	38.75	11.21	49.96	74.00	-24.04	peak
3	11389.000	33.49	16.31	49.80	74.00	-24.20	peak
4	12610.000	31.39	17.97	49.36	74.00	-24.64	peak
5	17054.000	31.26	20.83	52.09	74.00	-21.91	peak
6	17945.000	23.21	25.75	48.96	74.00	-25.04	peak

Test Mode:	802.11ax HE80	Channel:	5775 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8870.000	37.61	9.44	47.05	74.00	-26.95	peak
2	9750.000	37.72	11.21	48.93	74.00	-25.07	peak
3	10894.000	35.77	14.32	50.09	74.00	-23.91	peak
4	11246.000	34.47	15.73	50.20	74.00	-23.80	peak
5	13578.000	29.47	20.83	50.30	74.00	-23.70	peak
6	17318.000	32.10	21.94	54.04	68.20	-14.16	peak

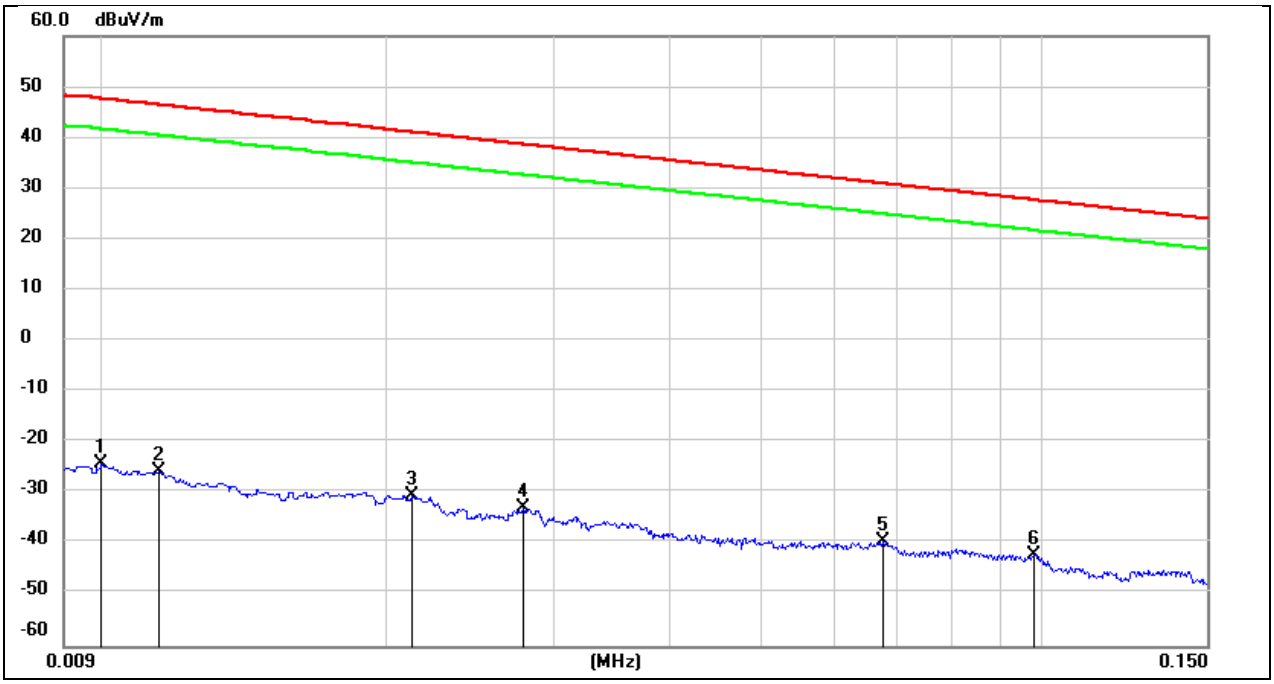
Test Mode:	802.11ax HE80	Channel:	5775 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7693.000	41.62	6.70	48.32	74.00	-25.68	peak
2	9750.000	38.09	11.21	49.30	74.00	-24.70	peak
3	11191.000	34.32	15.50	49.82	74.00	-24.18	peak
4	11576.000	33.84	16.91	50.75	74.00	-23.25	peak
5	13138.000	31.97	19.05	51.02	74.00	-22.98	peak
6	17373.000	32.50	22.16	54.66	68.20	-13.54	peak

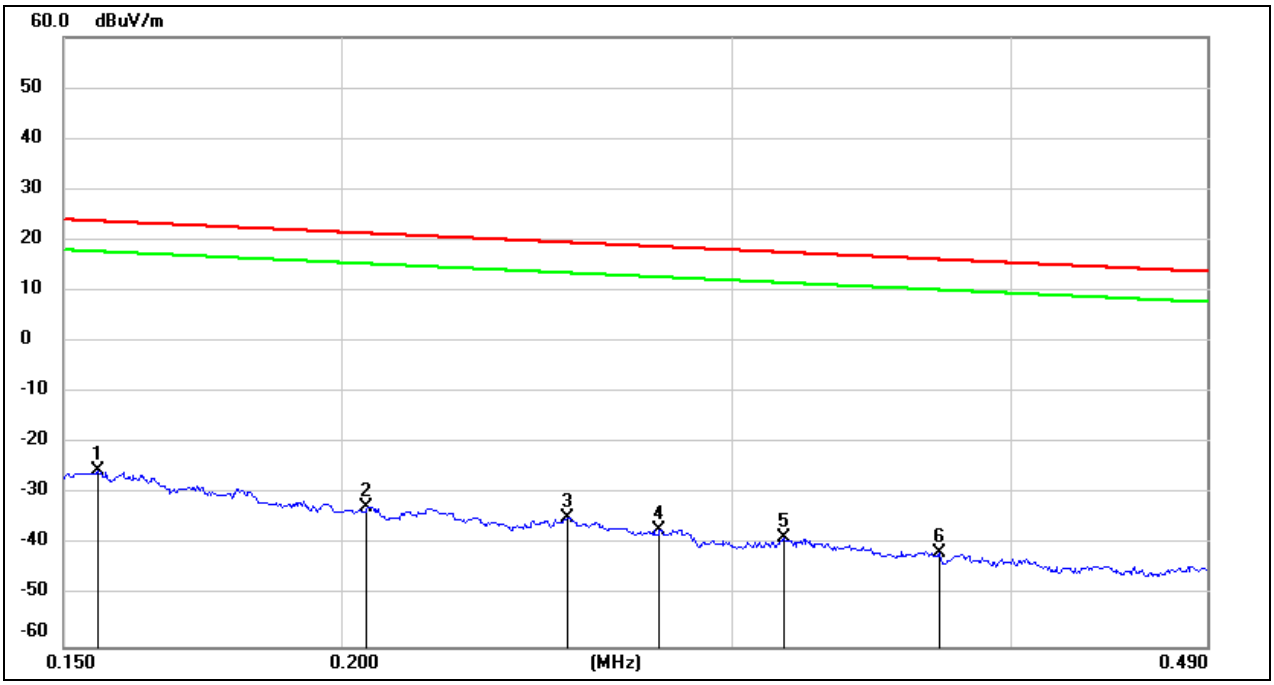
8.4. SPURIOUS EMISSIONS (9 KHZ ~ 30 MHZ)

Test Mode:	802.11ax HE20	Channel:	5240 MHz
Polarity:	Loop Antenna Face On To The EUT	Test Voltage:	DC 12 V



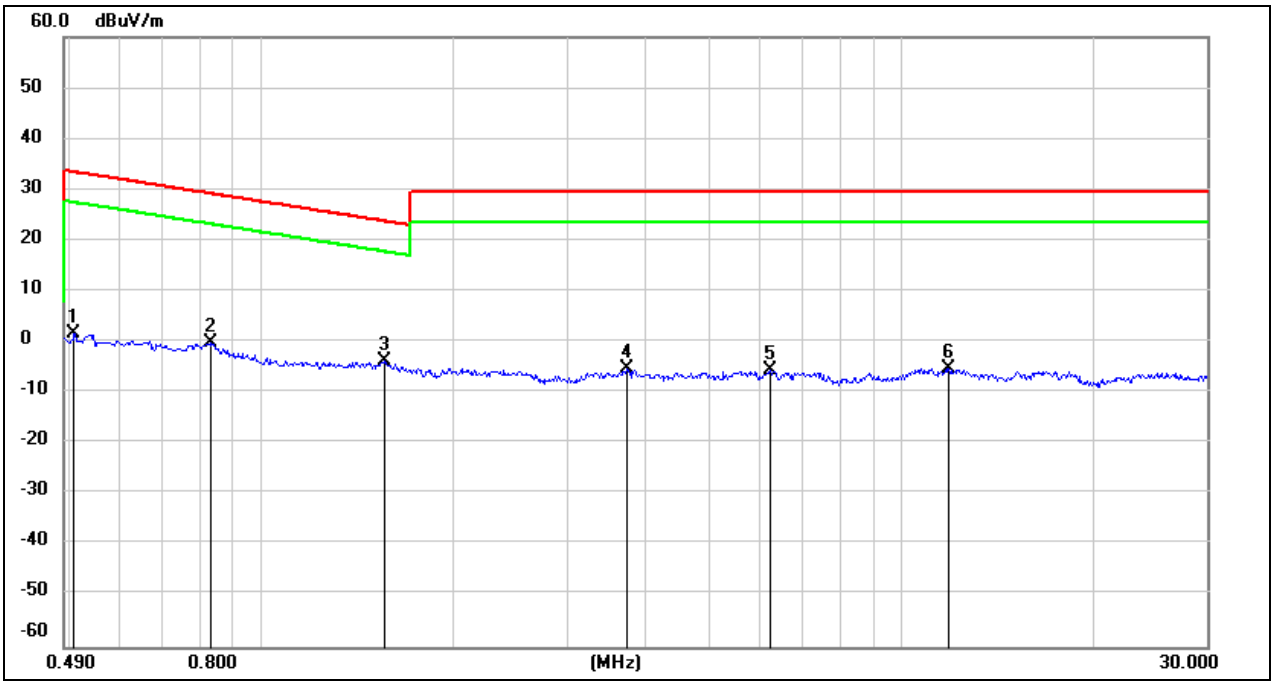
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0100	77.22	-101.40	-24.18	47.60	-71.78	peak
2	0.0114	75.88	-101.40	-25.52	46.46	-71.98	peak
3	0.0212	71.04	-101.35	-30.31	41.07	-71.38	peak
4	0.0279	68.67	-101.38	-32.71	38.69	-71.40	peak
5	0.0675	62.14	-101.56	-39.42	31.02	-70.44	peak
6	0.0981	59.77	-101.78	-42.01	27.77	-69.78	peak

Test Mode:	802.11ax HE20	Channel:	5240 MHz
Polarity:	Loop Antenna Face On To The EUT	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1554	76.27	-101.65	-25.38	23.77	-49.15	peak
2	0.2053	69.29	-101.73	-32.44	21.35	-53.79	peak
3	0.2530	67.14	-101.80	-34.66	19.54	-54.20	peak
4	0.2782	64.79	-101.83	-37.04	18.71	-55.75	peak
5	0.3163	63.20	-101.87	-38.67	17.60	-56.27	peak
6	0.3714	60.28	-101.93	-41.65	16.20	-57.85	peak

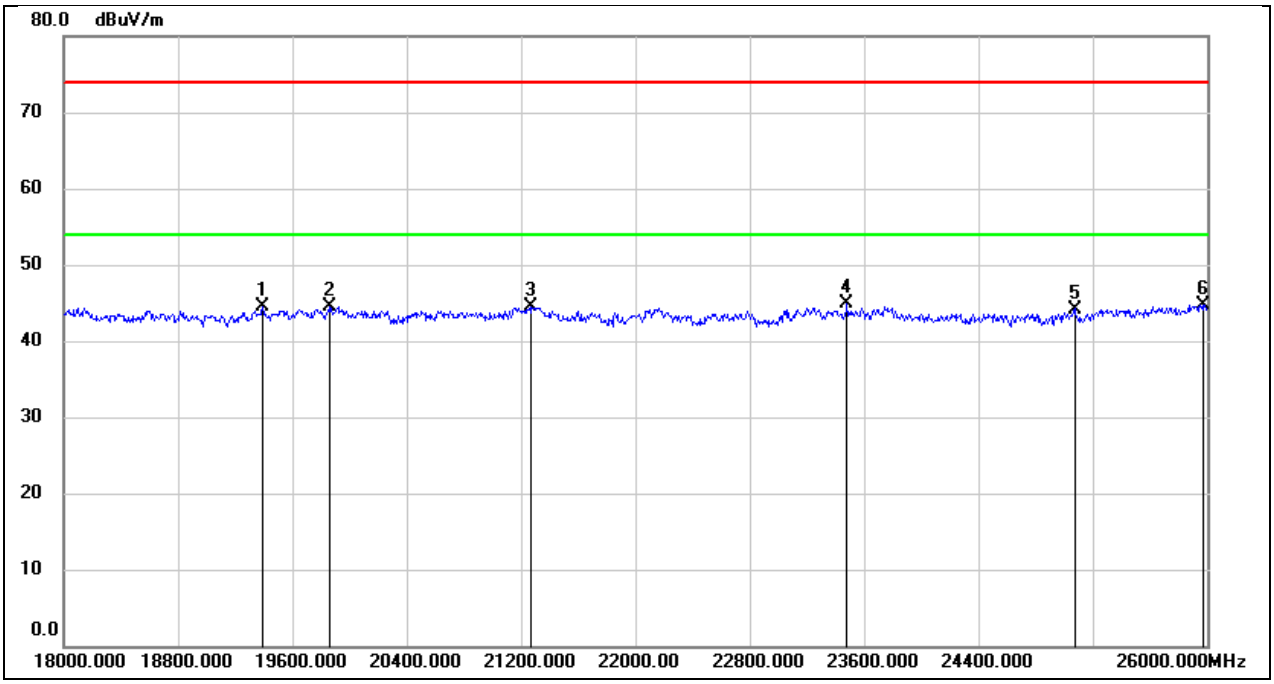
Test Mode:	802.11ax HE20	Channel:	5240 MHz
Polarity:	Loop Antenna Face On To The EUT	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.5080	63.85	-62.07	1.78	33.49	-31.71	peak
2	0.8296	61.94	-62.17	-0.23	29.23	-29.46	peak
3	1.5564	58.18	-62.02	-3.84	23.76	-27.60	peak
4	3.7100	56.20	-61.41	-5.21	29.54	-34.75	peak
5	6.2445	55.63	-61.32	-5.69	29.54	-35.23	peak
6	11.8513	55.56	-60.88	-5.32	29.54	-34.86	peak

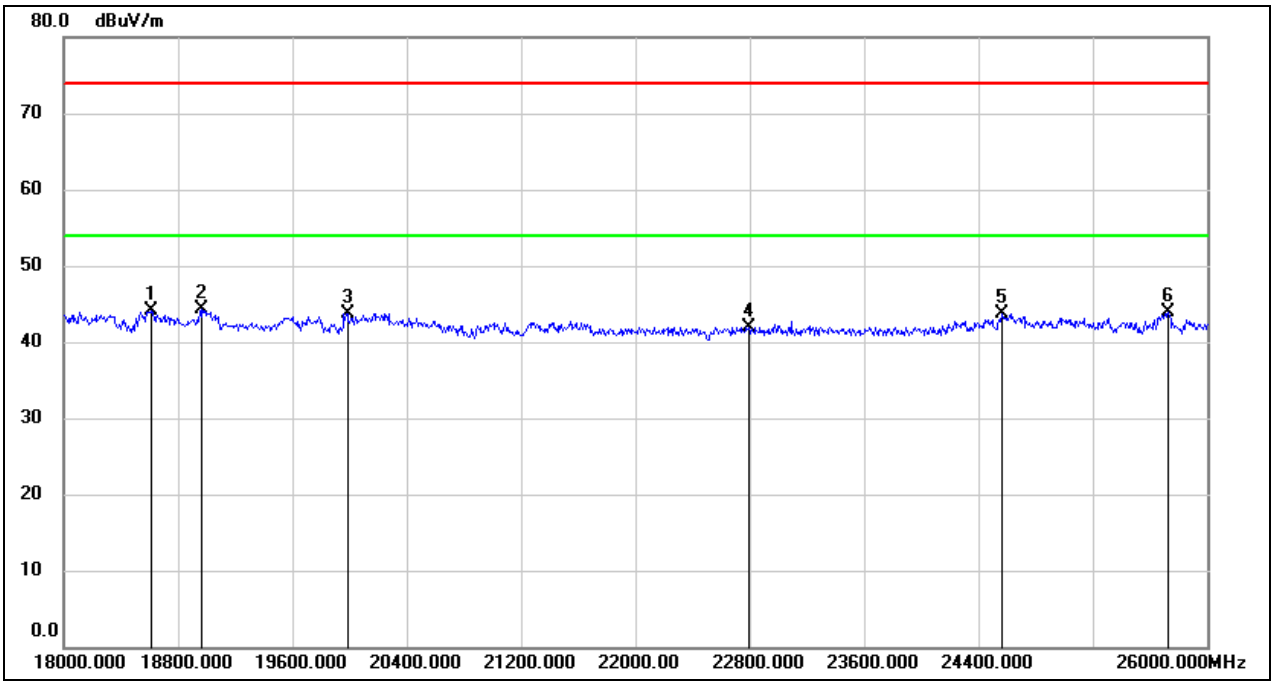
8.5. SPURIOUS EMISSIONS (18 GHZ ~ 26 GHZ)

Test Mode:	802.11ax HE20	Channel:	5240 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	19392.000	50.12	-5.57	44.55	74.00	-29.45	peak
2	19864.000	49.79	-5.34	44.45	74.00	-29.55	peak
3	21272.000	49.17	-4.76	44.41	74.00	-29.59	peak
4	23480.000	48.04	-3.16	44.88	74.00	-29.12	peak
5	25072.000	46.17	-1.97	44.20	74.00	-29.80	peak
6	25968.000	45.63	-1.00	44.63	74.00	-29.37	peak

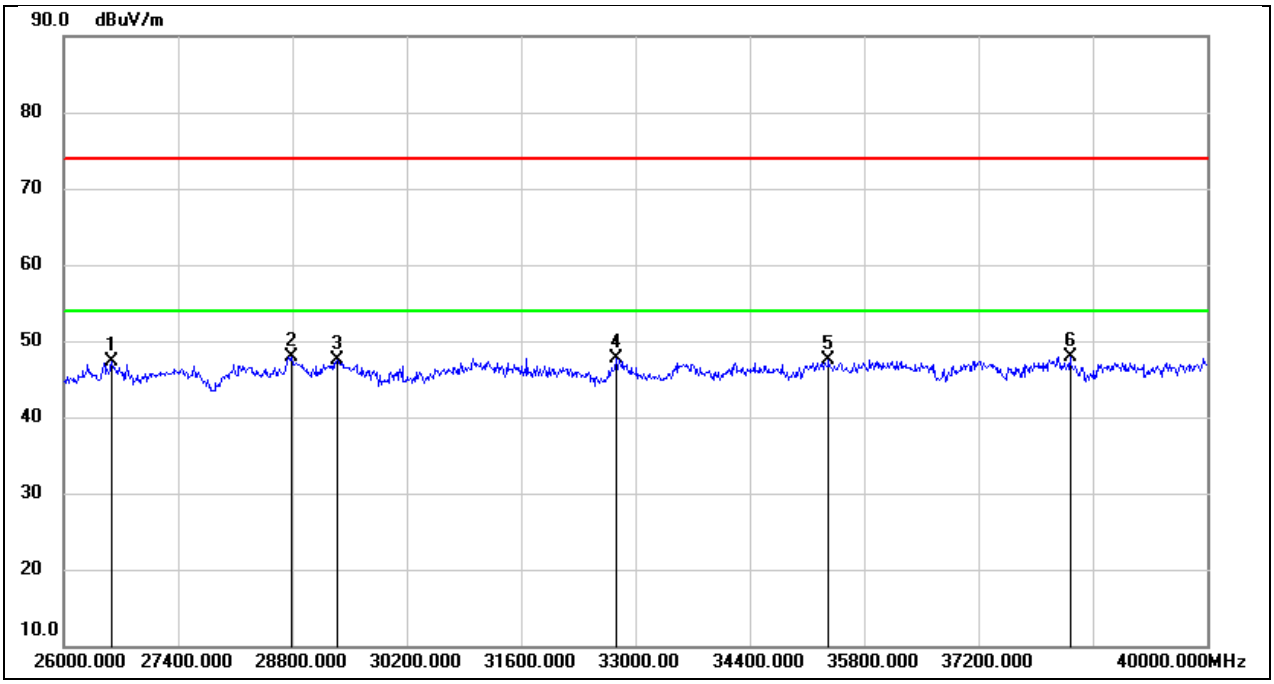
Test Mode:	802.11ax HE20	Channel:	5240 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18616.000	49.39	-5.34	44.05	74.00	-29.95	peak
2	18960.000	49.51	-5.25	44.26	74.00	-29.74	peak
3	19984.000	49.21	-5.44	43.77	74.00	-30.23	peak
4	22792.000	45.61	-3.65	41.96	74.00	-32.04	peak
5	24568.000	46.10	-2.33	43.77	74.00	-30.23	peak
6	25728.000	44.61	-0.72	43.89	74.00	-30.11	peak

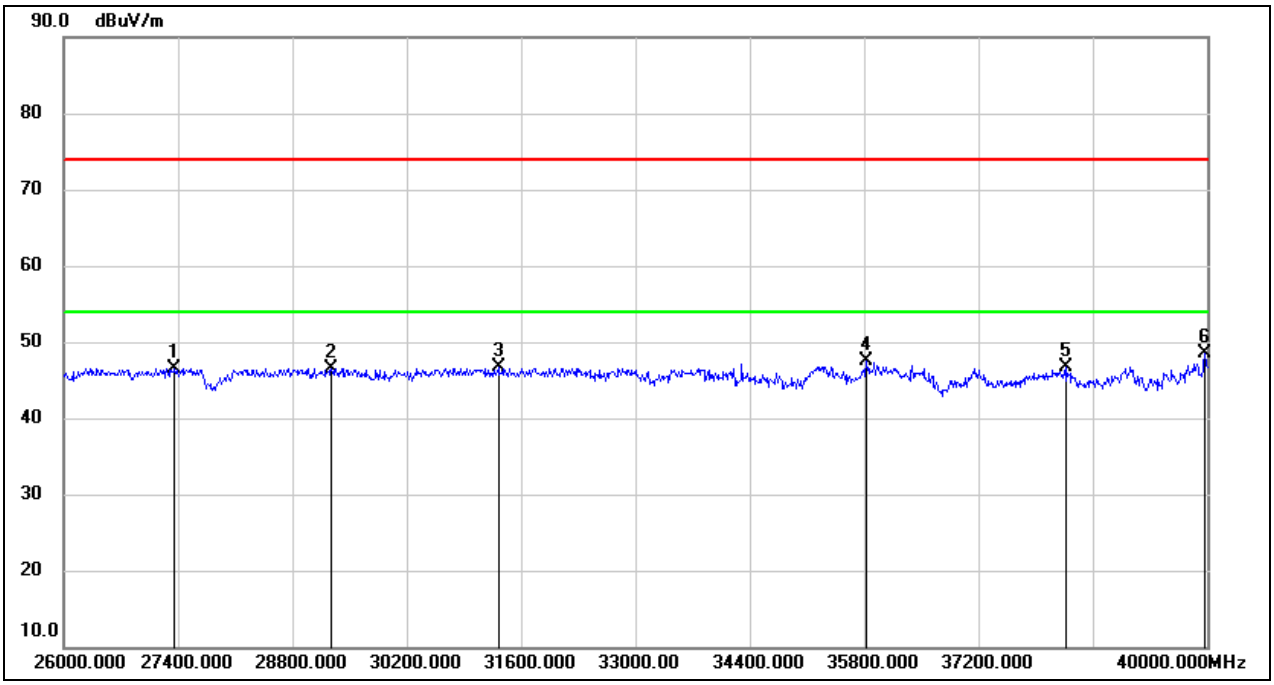
8.6. SPURIOUS EMISSIONS (26 GHZ ~ 40 GHZ)

Test Mode:	802.11ax HE20	Channel:	5240 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26588.000	52.12	-4.80	47.32	74.00	-26.68	peak
2	28786.000	48.49	-0.64	47.85	74.00	-26.15	peak
3	29346.000	48.38	-0.91	47.47	74.00	-26.53	peak
4	32762.000	48.95	-1.21	47.74	74.00	-26.26	peak
5	35366.000	44.90	2.59	47.49	74.00	-26.51	peak
6	38320.000	44.06	3.77	47.83	74.00	-26.17	peak

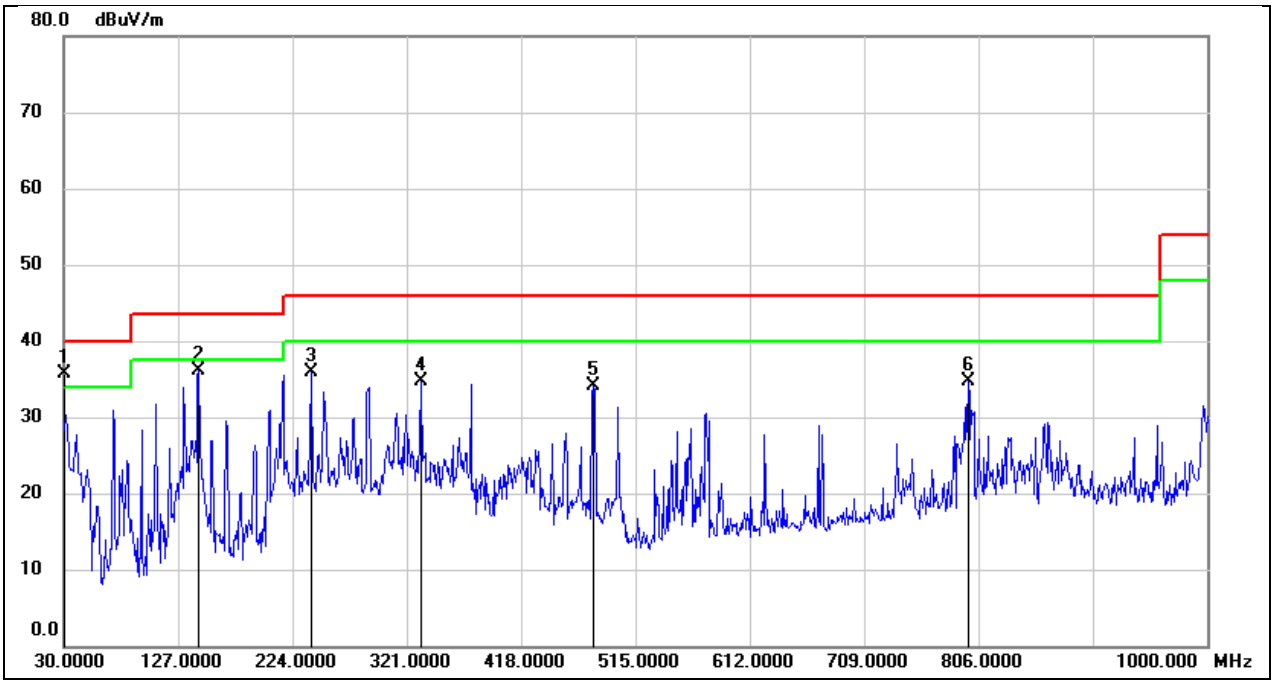
Test Mode:	802.11ax HE20	Channel:	5240 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	27358.000	50.44	-3.95	46.49	74.00	-27.51	peak
2	29276.000	47.51	-1.01	46.50	74.00	-27.50	peak
3	31320.000	47.61	-0.93	46.68	74.00	-27.32	peak
4	35828.000	43.75	3.67	47.42	74.00	-26.58	peak
5	38278.000	42.82	3.82	46.64	74.00	-27.36	peak
6	39972.000	43.45	5.13	48.58	74.00	-25.42	peak

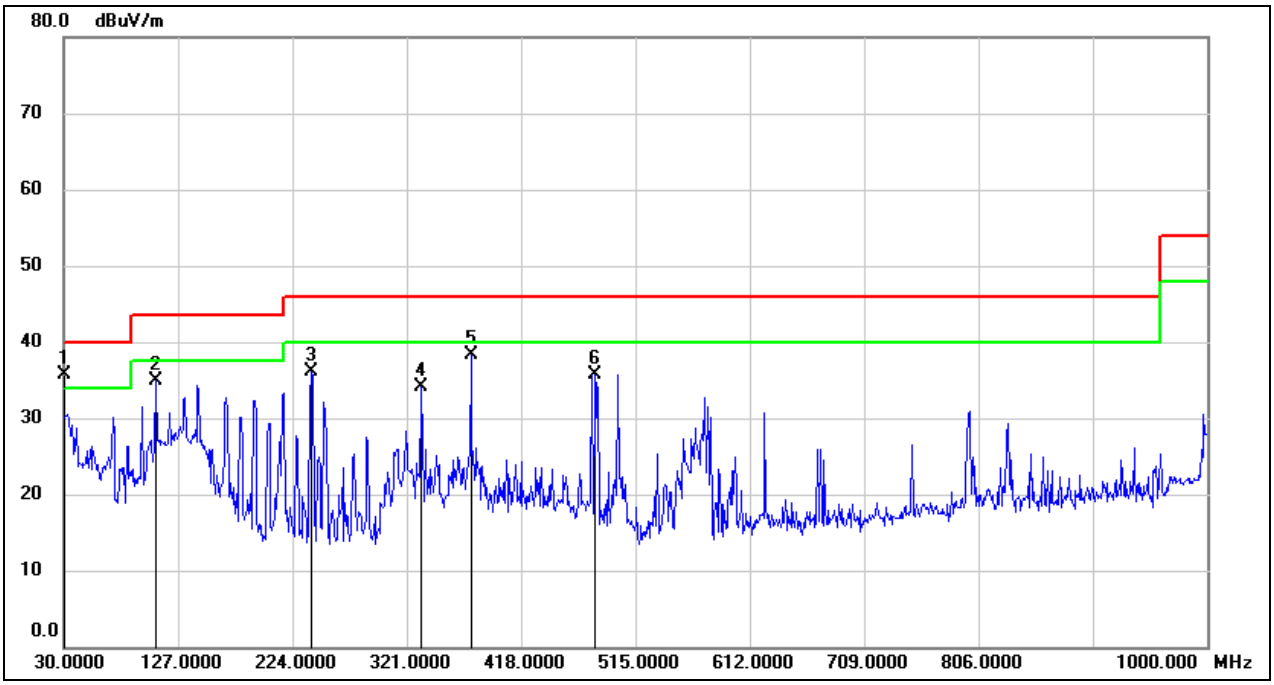
8.7. SPURIOUS EMISSIONS (30 MHZ ~ 1 GHZ)

Test Mode:	802.11ax HE20	Channel:	5240 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.0000	53.89	-18.24	35.65	40.00	-4.35	QP
2	144.4600	54.78	-18.64	36.14	43.50	-7.36	QP
3	239.5200	54.23	-18.40	35.83	46.00	-10.17	QP
4	332.6400	48.50	-13.74	34.76	46.00	-11.24	QP
5	479.1100	45.10	-11.08	34.02	46.00	-11.98	QP
6	797.2700	41.39	-6.64	34.75	46.00	-11.25	QP

Test Mode:	802.11ax HE20	Channel:	5240 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V

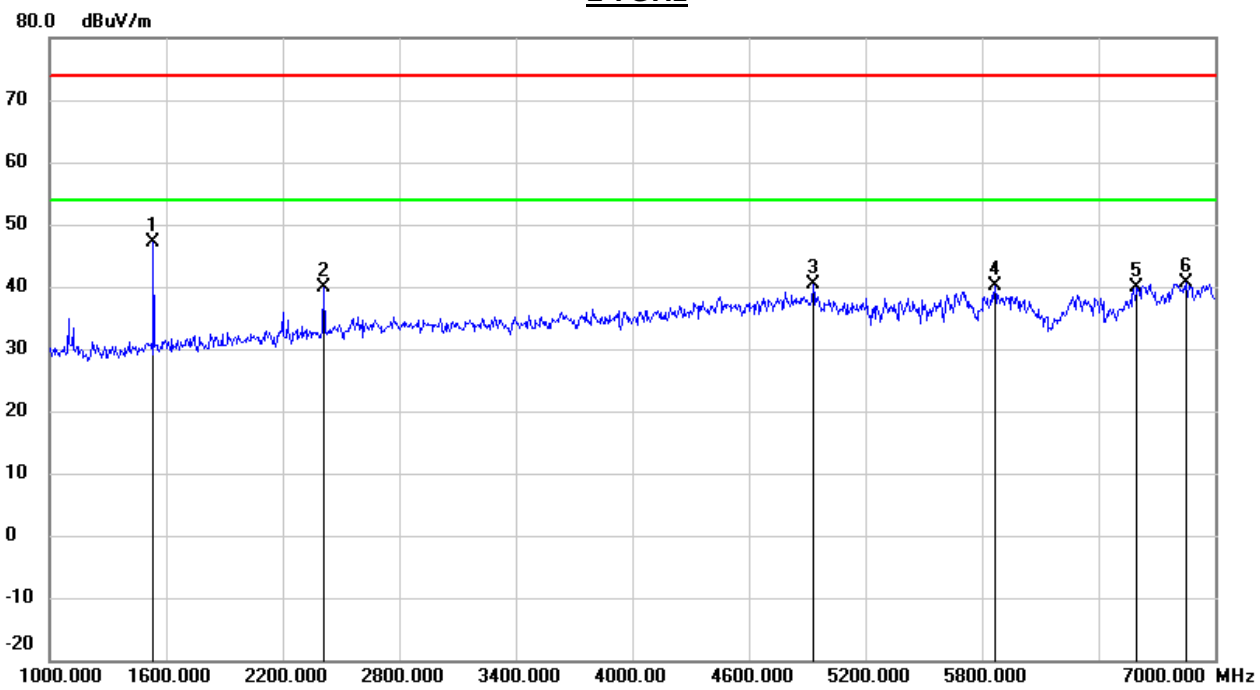


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.0000	53.96	-18.24	35.72	40.00	-4.28	QP
2	107.6000	55.44	-20.52	34.92	43.50	-8.58	QP
3	240.4900	54.60	-18.45	36.15	46.00	-9.85	QP
4	333.6099	47.82	-13.68	34.14	46.00	-11.86	QP
5	375.3200	51.31	-12.92	38.39	46.00	-7.61	QP
6	480.0800	46.80	-11.05	35.75	46.00	-10.25	QP

8.8. SPURIOUS EMISSIONS FOR SIMULTANEOUS TRANSMISSION

SPURIOUS EMISSIONS (802.11g 2.4GHz MID CHANNEL, 802.11ax HE 20UNII-1 BAND HIGH CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL)

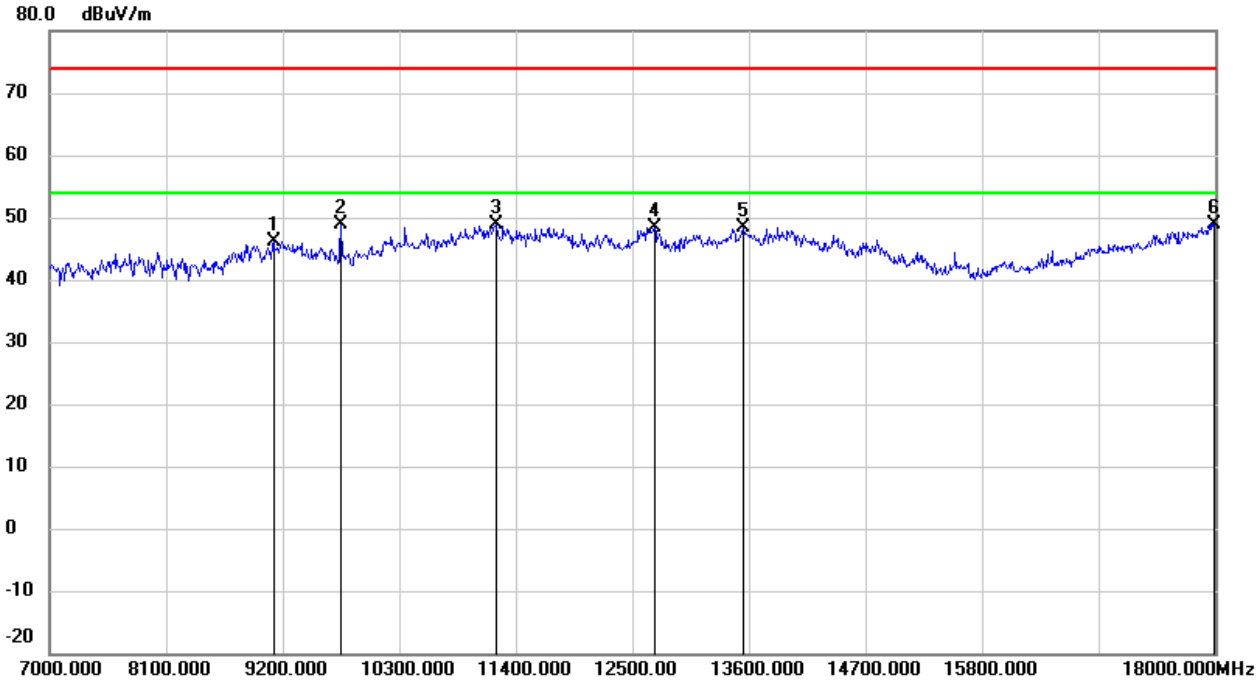
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1534.000	59.76	-12.60	47.16	74.00	-26.84	peak
2	2410.000	48.84	-8.95	39.89	74.00	-34.11	peak
3	4930.000	40.86	-0.43	40.43	74.00	-33.57	peak
4	5866.000	38.67	1.47	40.14	74.00	-33.86	peak
5	6598.000	35.75	4.21	39.96	74.00	-34.04	peak
6	6850.000	35.27	5.46	40.73	74.00	-33.27	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

7-18GHz

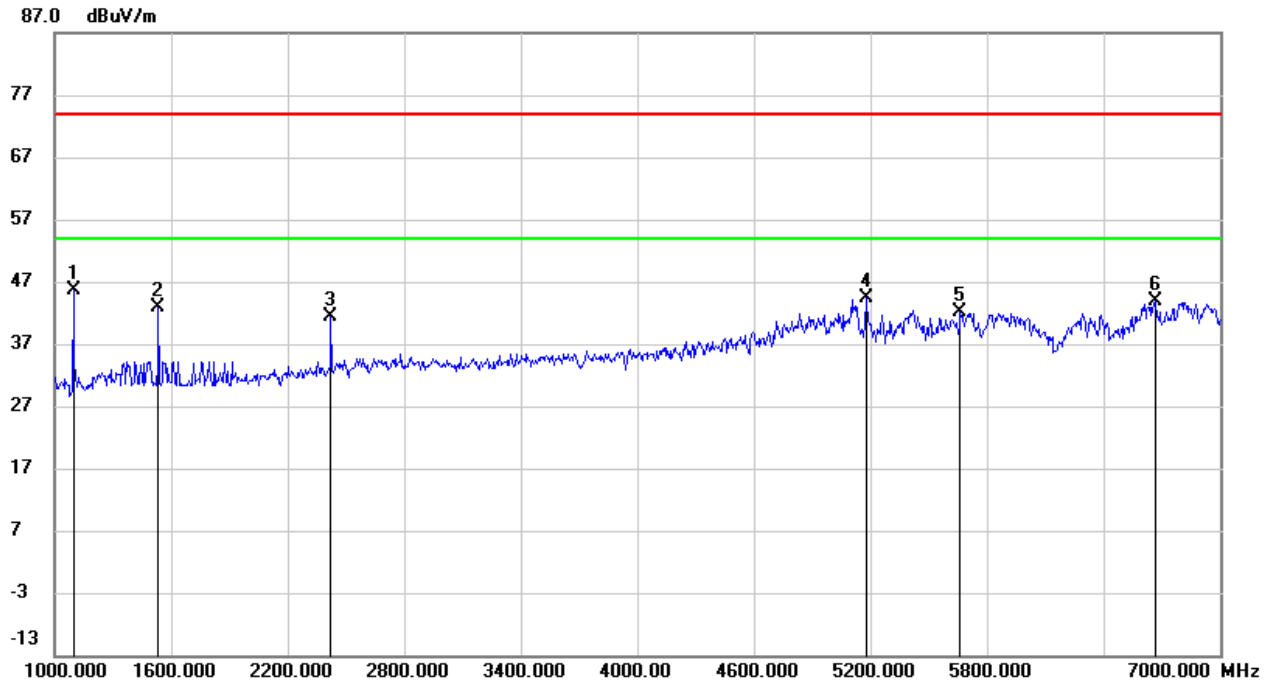


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9112.000	35.61	10.41	46.02	74.00	-27.98	peak
2	9750.000	37.55	11.21	48.76	74.00	-25.24	peak
3	11213.000	33.38	15.59	48.97	74.00	-25.03	peak
4	12709.000	30.24	18.09	48.33	74.00	-25.67	peak
5	13545.000	27.59	20.74	48.33	74.00	-25.67	peak
6	17989.000	22.86	26.04	48.90	74.00	-25.10	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

SPURIOUS EMISSIONS (802.11g 2.4GHz MID CHANNEL, 802.11ax HE 20UNII-1 BAND HIGH CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)

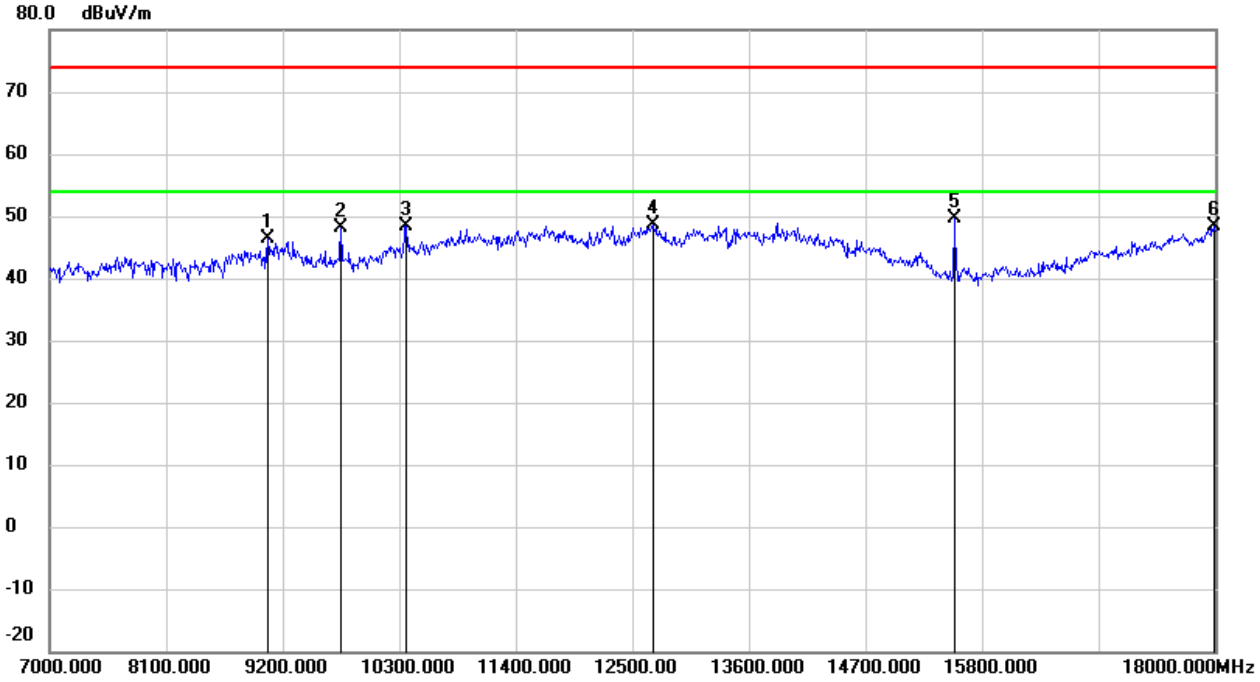
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1096.000	60.28	-14.58	45.70	74.00	-28.30	peak
2	1534.000	55.43	-12.60	42.83	74.00	-31.17	peak
3	2412.000	50.39	-8.94	41.45	74.00	-32.55	peak
4	5176.000	44.22	0.05	44.27	74.00	-29.73	peak
5	5662.000	41.19	0.88	42.07	74.00	-31.93	peak
6	6664.000	39.40	4.54	43.94	74.00	-30.06	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9057.000	35.93	10.38	46.31	74.00	-27.69	peak
2	9750.000	37.01	11.21	48.22	74.00	-25.78	peak
3	10366.000	35.80	12.54	48.34	74.00	-25.66	peak
4	12698.000	30.51	18.08	48.59	74.00	-25.41	peak
5	15536.000	32.78	16.73	49.51	74.00	-24.49	peak
6	17989.000	22.38	26.04	48.42	74.00	-25.58	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

9. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to CFR 47 FCC §15.207 (a) and ISED RSS-Gen Clause 8.8

FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

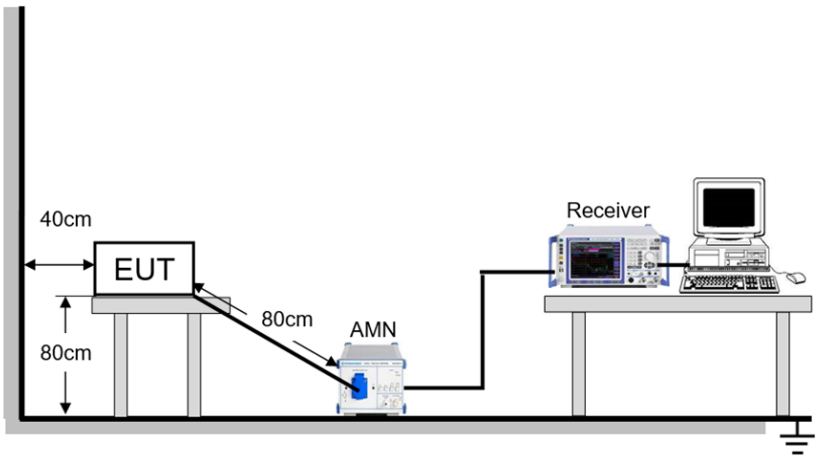
TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 6.2.

The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST SETUP

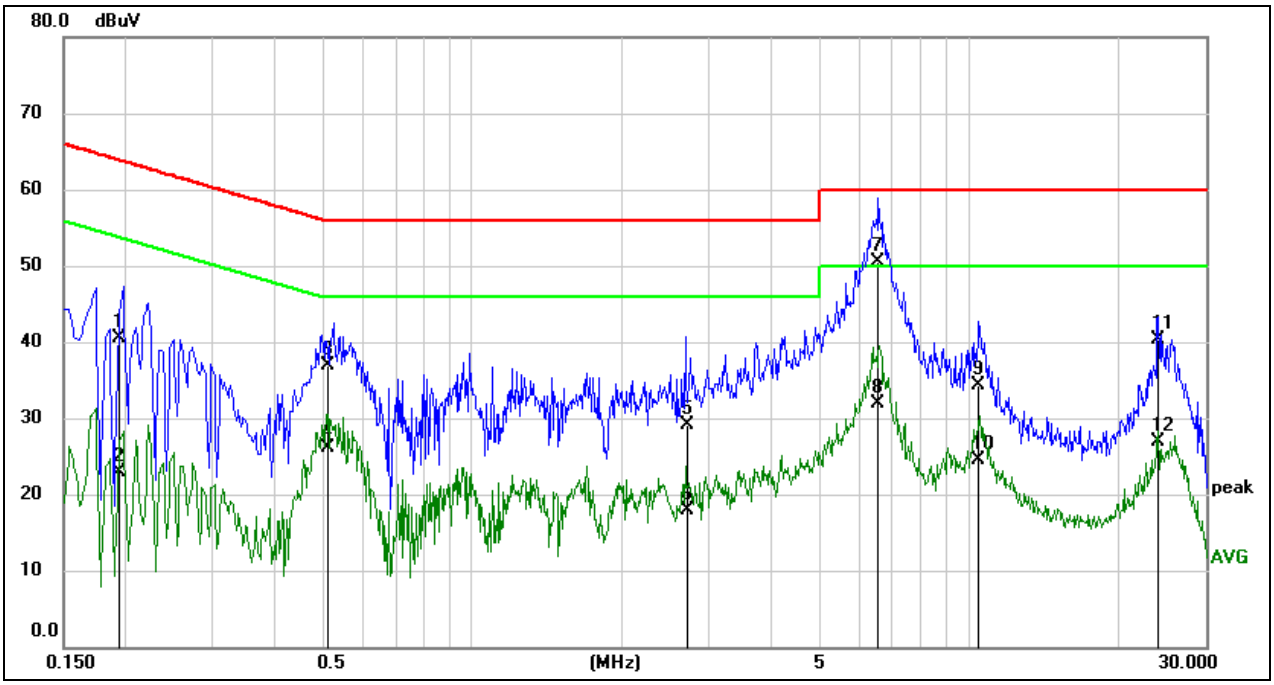


TEST ENVIRONMENT

Temperature	22.5 °C	Relative Humidity	53%
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60 Hz

TEST RESULTS

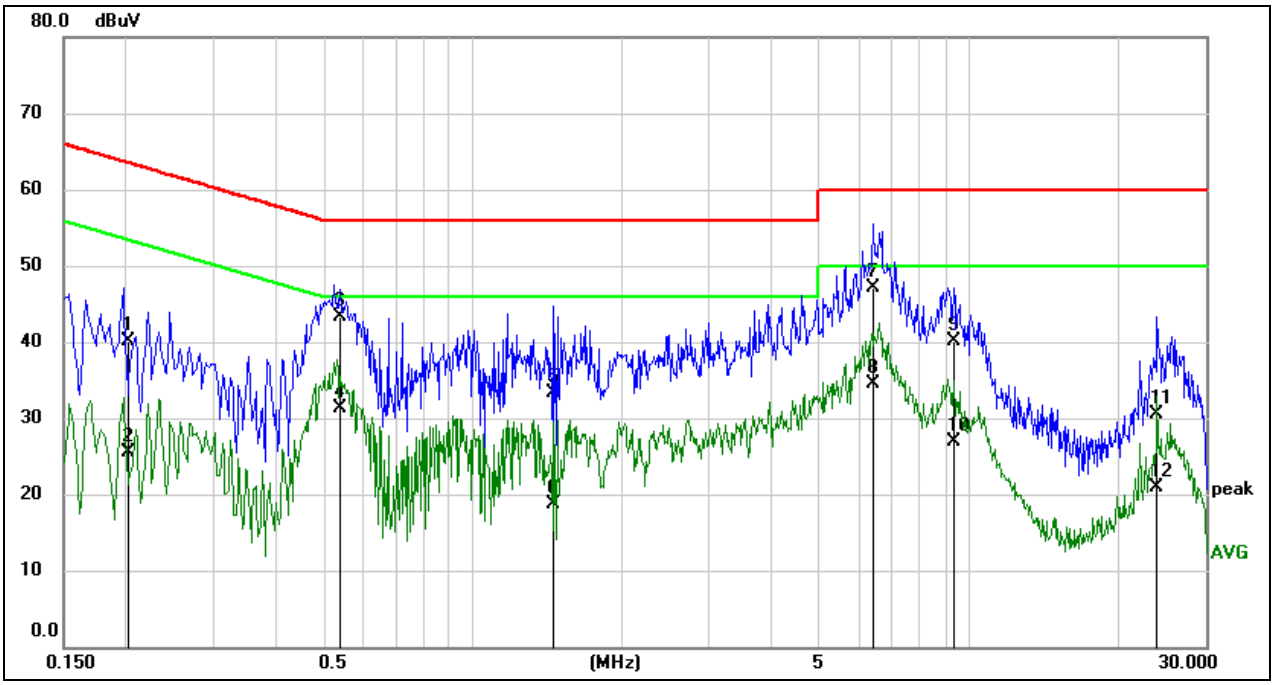
Test Mode:	802.11ax HE20	Channel:	5240 MHz
Line	L		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1945	30.85	9.59	40.44	63.84	-23.40	QP
2	0.1945	13.29	9.59	22.88	53.84	-30.96	AVG
3	0.5111	27.34	9.60	36.94	56.00	-19.06	QP
4	0.5111	16.41	9.60	26.01	46.00	-19.99	AVG
5	2.7100	19.54	9.66	29.20	56.00	-26.80	QP
6	2.7100	8.18	9.66	17.84	46.00	-28.16	AVG
7	6.5511	40.71	9.73	50.44	60.00	-9.56	QP
8	6.5511	22.14	9.73	31.87	50.00	-18.13	AVG
9	10.4944	24.50	9.73	34.23	60.00	-25.77	QP
10	10.4944	14.78	9.73	24.51	50.00	-25.49	AVG
11	24.1006	30.55	9.77	40.32	60.00	-19.68	QP
12	24.1006	17.18	9.77	26.95	50.00	-23.05	AVG

Note:
1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Test Mode:	802.11ax HE20	Channel:	5240 MHz
Line	N		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2020	30.59	9.59	40.18	63.53	-23.35	QP
2	0.2020	15.90	9.59	25.49	53.53	-28.04	AVG
3	0.5408	33.85	9.50	43.35	56.00	-12.65	QP
4	0.5408	21.88	9.50	31.38	46.00	-14.62	AVG
5	1.4607	23.76	9.57	33.33	56.00	-22.67	QP
6	1.4607	9.20	9.57	18.77	46.00	-27.23	AVG
7	6.4444	37.37	9.64	47.01	60.00	-12.99	QP
8	6.4444	24.93	9.64	34.57	50.00	-15.43	AVG
9	9.3068	30.42	9.62	40.04	60.00	-19.96	QP
10	9.3068	17.24	9.62	26.86	50.00	-23.14	AVG
11	23.8520	20.87	9.71	30.58	60.00	-29.42	QP
12	23.8520	11.15	9.71	20.86	50.00	-29.14	AVG

Note:
1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes have been tested, only the worst data was recorded in the report.

10. ANTENNA REQUIREMENT

REQUIREMENT

Please refer to FCC part 15.203
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC part 15.407(a)
For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

DESCRIPTION

Pass

11. TEST DATA

11.1. APPENDIX A: EMISSION BANDWIDTH

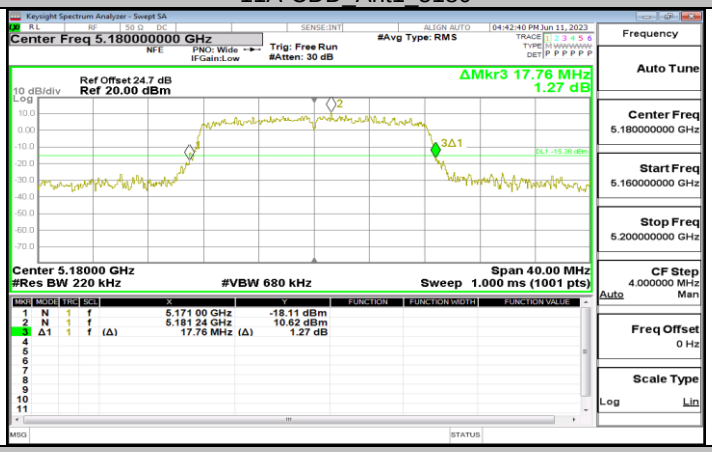
11.1.1. Test Result

Test Mode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A-CDD	Ant1	5180	17.960	5171.120	5189.080	PASS
	Ant2	5180	17.760	5171.000	5188.760	PASS
	Ant1	5200	18.240	5190.800	5209.040	PASS
	Ant2	5200	17.560	5191.280	5208.840	PASS
	Ant1	5240	17.520	5231.160	5248.680	PASS
	Ant2	5240	17.680	5231.280	5248.960	PASS
	Ant1	5260	17.720	5251.120	5268.840	PASS
	Ant2	5260	17.960	5251.000	5268.960	PASS
	Ant1	5280	17.600	5271.280	5288.880	PASS
	Ant2	5280	18.120	5270.840	5288.960	PASS
	Ant1	5320	18.000	5311.240	5329.240	PASS
	Ant2	5320	18.040	5310.920	5328.960	PASS
	Ant1	5500	17.840	5491.200	5509.040	PASS
	Ant2	5500	17.840	5491.160	5509.000	PASS
	Ant1	5580	18.160	5570.880	5589.040	PASS
	Ant2	5580	17.760	5571.200	5588.960	PASS
	Ant1	5700	17.760	5691.240	5709.000	PASS
	Ant2	5700	17.560	5691.280	5708.840	PASS
	Ant1	5720	18.000	5710.920	5728.920	PASS
	Ant2	5720	17.640	5711.160	5728.800	PASS
	Ant1	5720_UNII-2C	14.08	5710.920	5725	PASS
	Ant2	5720_UNII-2C	13.84	5711.160	5725	PASS
	Ant1	5720_UNII-3	3.92	5725	5728.920	PASS
	Ant2	5720_UNII-3	3.8	5725	5728.800	PASS
	Ant1	5745	17.880	5736.120	5754.000	PASS
	Ant2	5745	18.240	5735.800	5754.040	PASS
	Ant1	5785	17.760	5776.040	5793.800	PASS
	Ant2	5785	17.920	5776.120	5794.040	PASS
	Ant1	5825	18.120	5816.000	5834.120	PASS
	Ant2	5825	17.640	5816.240	5833.880	PASS
11AX20-TX BEAMFORMING	Ant1	5180	19.920	5170.120	5190.040	PASS
	Ant2	5180	19.920	5170.040	5189.960	PASS
	Ant1	5200	19.720	5190.080	5209.800	PASS
	Ant2	5200	19.840	5189.960	5209.800	PASS
	Ant1	5240	19.880	5230.040	5249.920	PASS
	Ant2	5240	19.800	5230.120	5249.920	PASS
	Ant1	5260	19.880	5250.160	5270.040	PASS
	Ant2	5260	19.960	5250.160	5270.120	PASS
	Ant1	5280	19.880	5270.080	5289.960	PASS
	Ant2	5280	19.680	5270.200	5289.880	PASS
	Ant1	5320	19.680	5310.120	5329.800	PASS
	Ant2	5320	19.800	5310.000	5329.800	PASS
	Ant1	5500	19.800	5490.160	5509.960	PASS
	Ant2	5500	19.680	5490.240	5509.920	PASS
	Ant1	5580	19.880	5570.040	5589.920	PASS
	Ant2	5580	20.200	5569.880	5590.080	PASS
	Ant1	5700	19.840	5690.160	5710.000	PASS
	Ant2	5700	19.760	5690.120	5709.880	PASS
	Ant1	5720	19.560	5710.240	5729.800	PASS
	Ant2	5720	19.840	5710.240	5730.080	PASS
	Ant1	5720_UNII-2C	14.76	5710.240	5725	PASS
	Ant2	5720_UNII-2C	14.76	5710.240	5725	PASS
	Ant1	5720_UNII-3	4.8	5725	5729.800	PASS

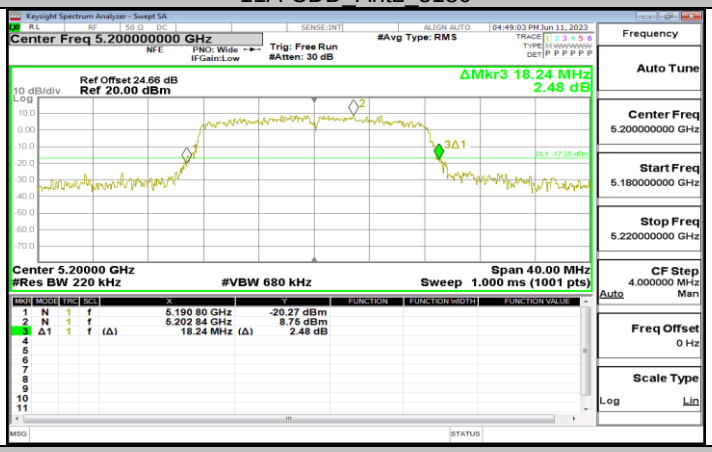
	Ant2	5720_UNII-3	5.08	5725	5730.080	PASS
	Ant1	5745	19.920	5735.120	5755.040	PASS
	Ant2	5745	19.760	5735.080	5754.840	PASS
	Ant1	5785	19.760	5775.200	5794.960	PASS
	Ant2	5785	19.880	5775.160	5795.040	PASS
	Ant1	5825	19.800	5815.160	5834.960	PASS
	Ant2	5825	19.760	5815.120	5834.880	PASS
11AX40-TX BEAMFORMING	Ant1	5190	39.120	5170.560	5209.680	PASS
	Ant2	5190	39.520	5170.080	5209.600	PASS
	Ant1	5230	39.120	5210.560	5249.680	PASS
	Ant2	5230	39.360	5210.400	5249.760	PASS
	Ant1	5270	39.200	5250.400	5289.600	PASS
	Ant2	5270	39.280	5250.400	5289.680	PASS
	Ant1	5310	39.200	5290.480	5329.680	PASS
	Ant2	5310	39.360	5290.560	5329.920	PASS
	Ant1	5510	39.280	5490.480	5529.760	PASS
	Ant2	5510	39.520	5490.400	5529.920	PASS
	Ant1	5550	39.360	5530.400	5569.760	PASS
	Ant2	5550	39.200	5530.400	5569.600	PASS
	Ant1	5670	39.280	5650.480	5689.760	PASS
	Ant2	5670	39.520	5650.240	5689.760	PASS
	Ant1	5710	39.200	5690.480	5729.680	PASS
	Ant2	5710	39.360	5690.320	5729.680	PASS
	Ant1	5710_UNII-2C	34.52	5690.480	5725	PASS
	Ant2	5710_UNII-2C	34.68	5690.320	5725	PASS
	Ant1	5710_UNII-3	4.68	5725	5729.680	PASS
	Ant2	5710_UNII-3	4.68	5725	5729.680	PASS
	Ant1	5755	39.040	5735.560	5774.600	PASS
	Ant2	5755	39.440	5735.480	5774.920	PASS
	Ant1	5795	39.120	5775.560	5814.680	PASS
	Ant2	5795	39.040	5775.560	5814.600	PASS
11AX80-TX BEAMFORMING	Ant1	5210	80.160	5170.000	5250.160	PASS
	Ant2	5210	80.800	5170.160	5250.960	PASS
	Ant1	5290	79.840	5250.160	5330.000	PASS
	Ant2	5290	80.320	5250.160	5330.480	PASS
	Ant1	5530	80.000	5490.160	5570.160	PASS
	Ant2	5530	80.000	5490.160	5570.160	PASS
	Ant1	5610	80.000	5570.160	5650.160	PASS
	Ant2	5610	80.160	5570.160	5650.320	PASS
	Ant1	5690	79.680	5650.320	5730.000	PASS
	Ant2	5690	80.320	5650.000	5730.320	PASS
	Ant1	5690_UNII-2C	74.68	5650.320	5725	PASS
	Ant2	5690_UNII-2C	75	5650.000	5725	PASS
	Ant1	5690_UNII-3	5	5725	5730.000	PASS
	Ant2	5690_UNII-3	5.32	5725	5730.320	PASS
	Ant1	5775	79.520	5735.320	5814.840	PASS
	Ant2	5775	80.800	5734.200	5815.000	PASS

11.1.2. Test Graphs

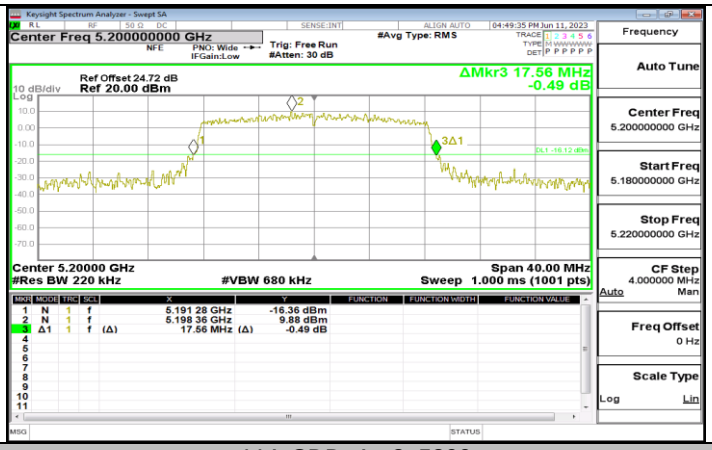
11A-CDD_Ant1_5180



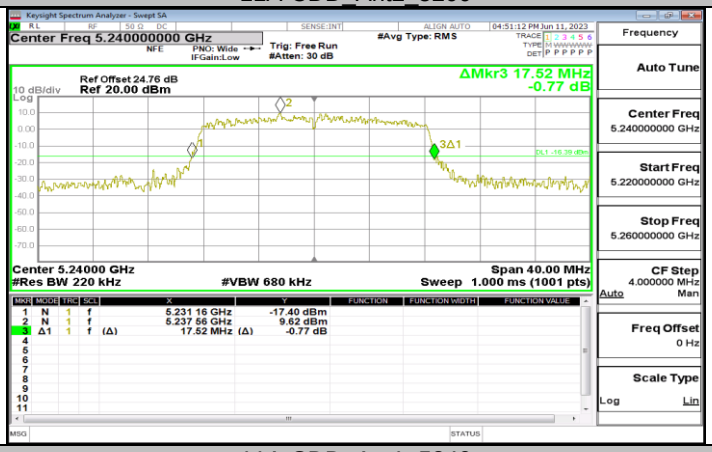
11A-CDD_Ant2_5180



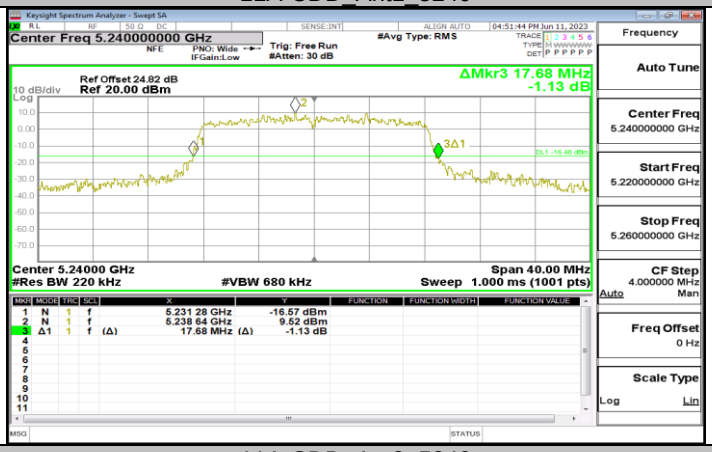
11A-CDD_Ant1_5200



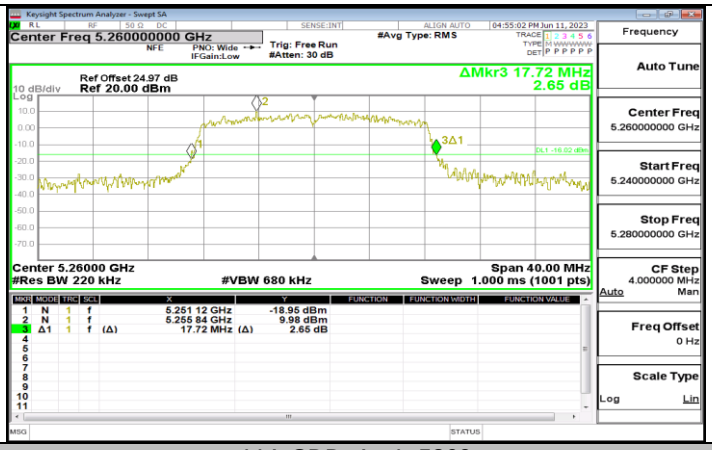
11A-CDD_Ant2_5200



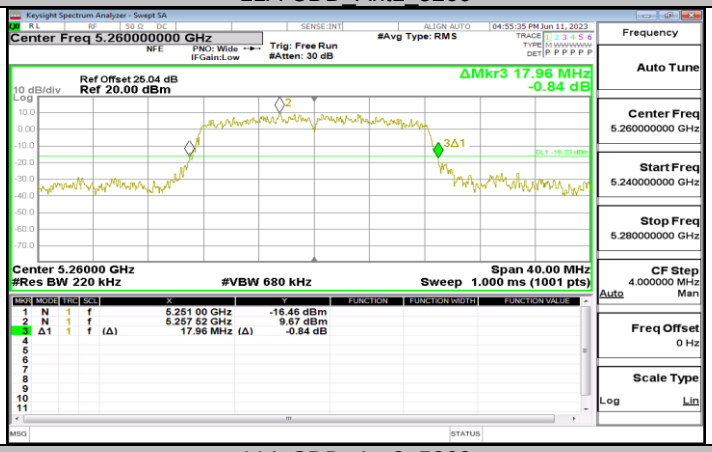
11A-CDD_Ant1_5240



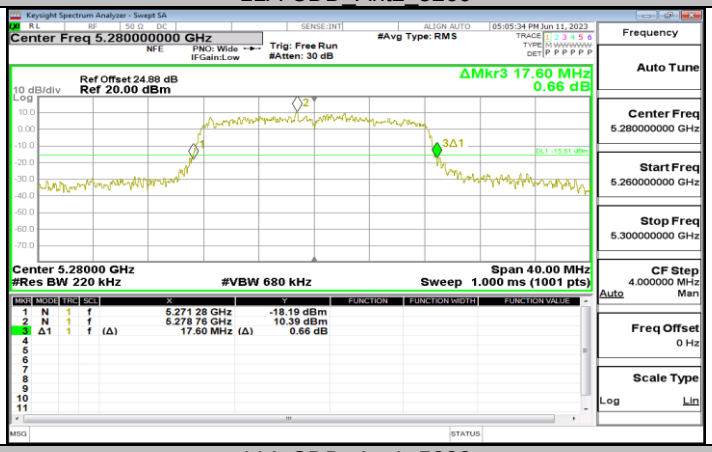
11A-CDD_Ant2_5240



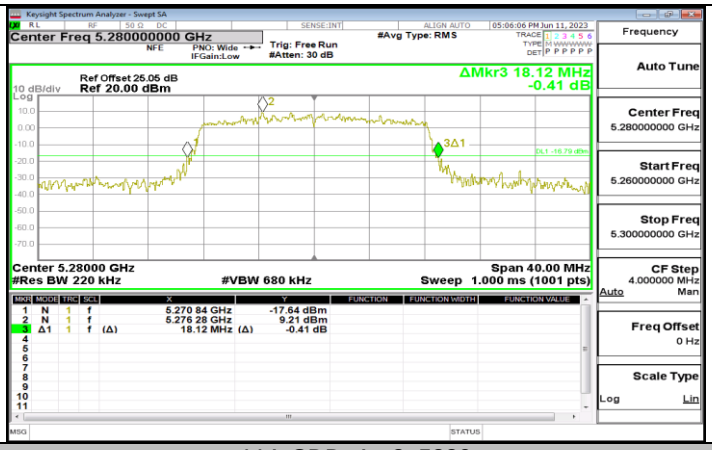
11A-CDD_Ant1_5260



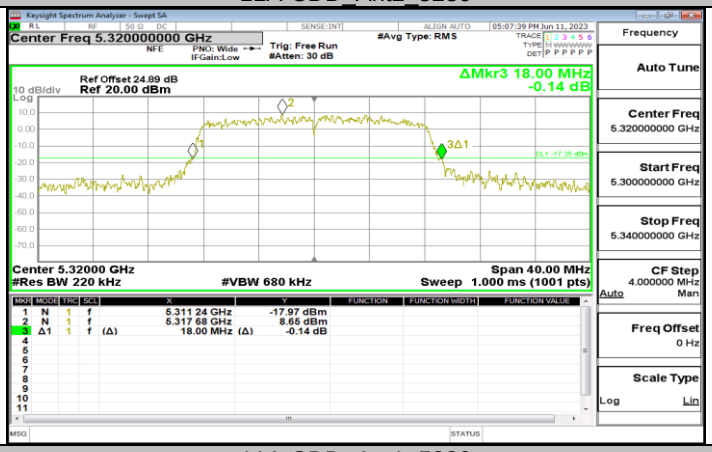
11A-CDD_Ant2_5260



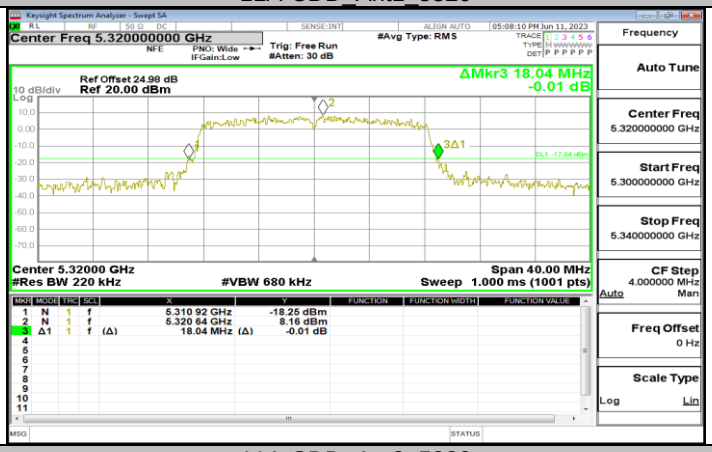
11A-CDD_Ant1_5280



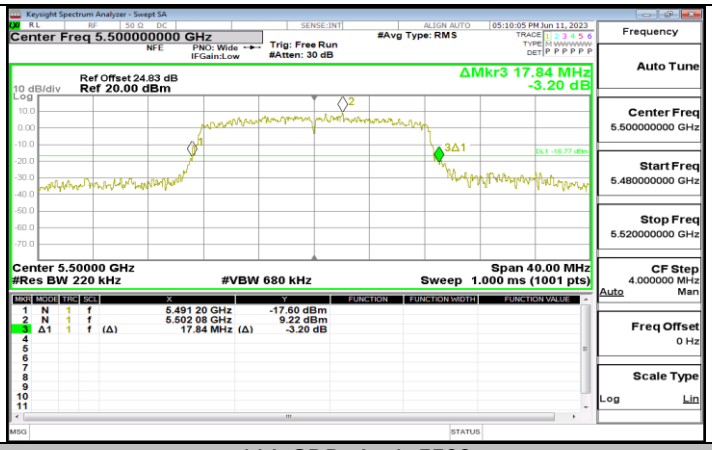
11A-CDD_Ant2_5280



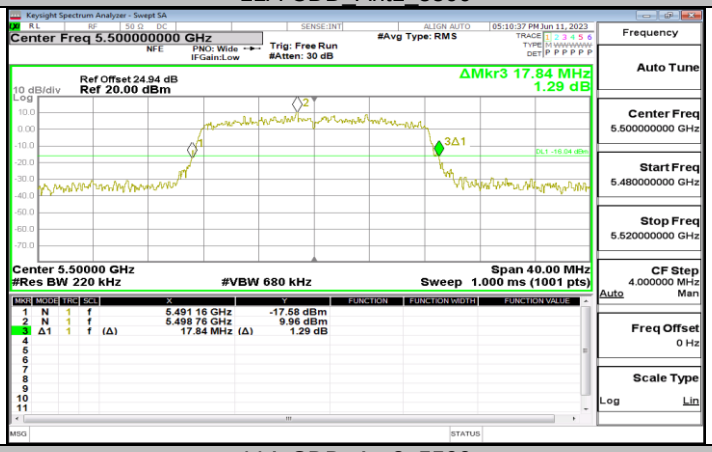
11A-CDD_Ant1_5320



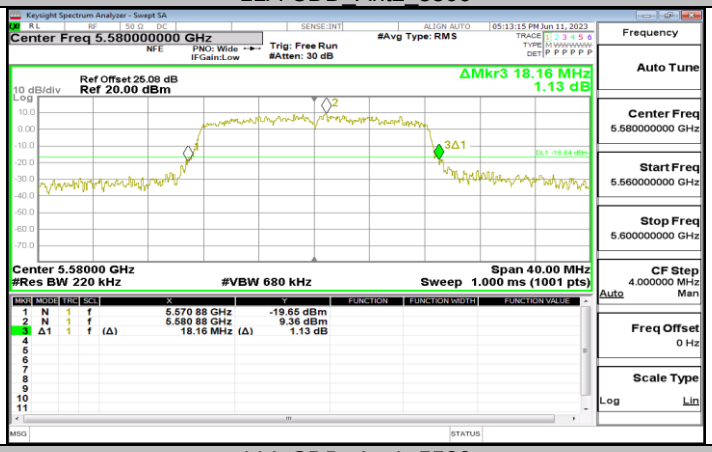
11A-CDD_Ant2_5320



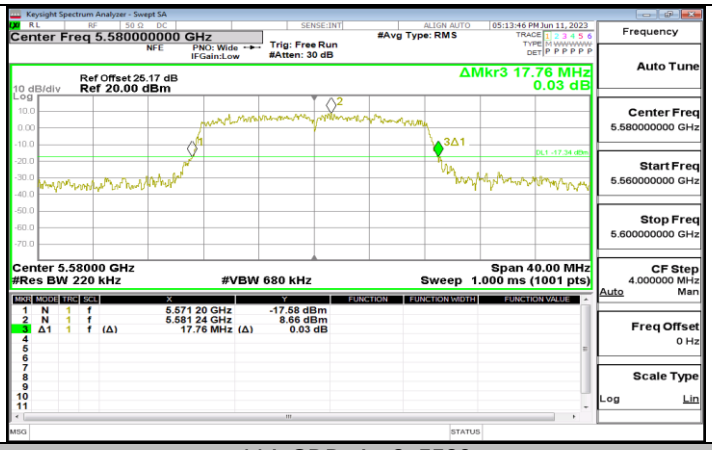
11A-CDD_Ant1_5500



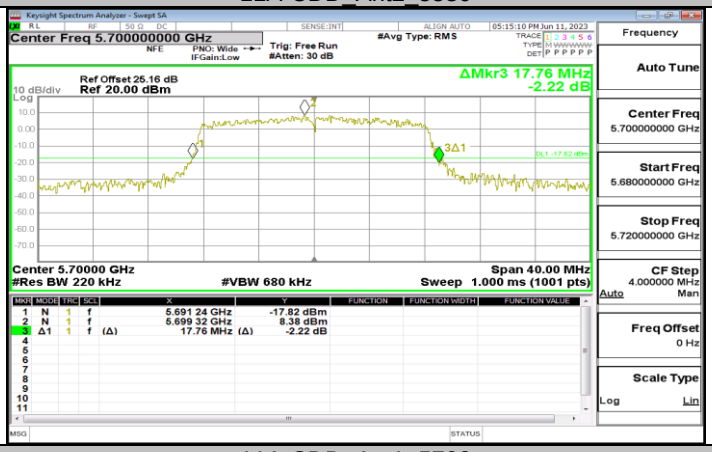
11A-CDD_Ant2_5500



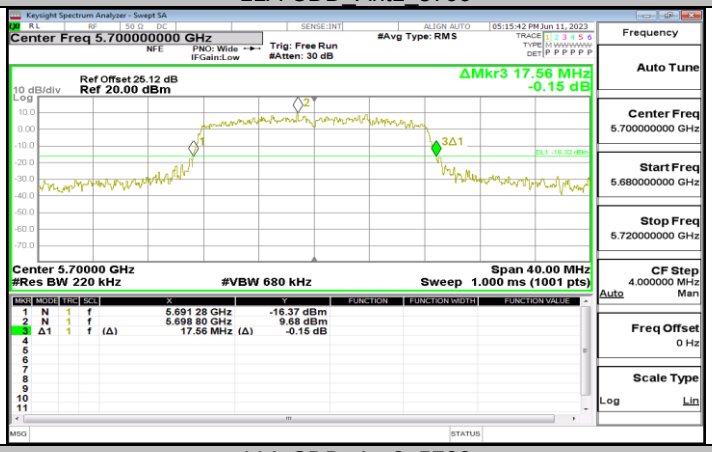
11A-CDD_Ant1_5580



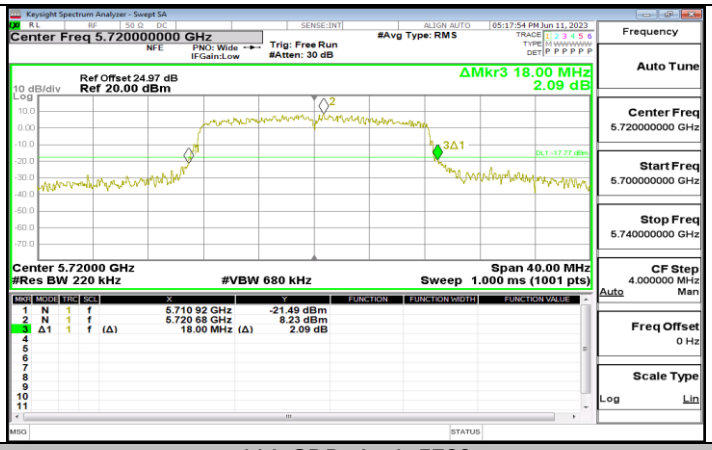
11A-CDD_Ant2_5580



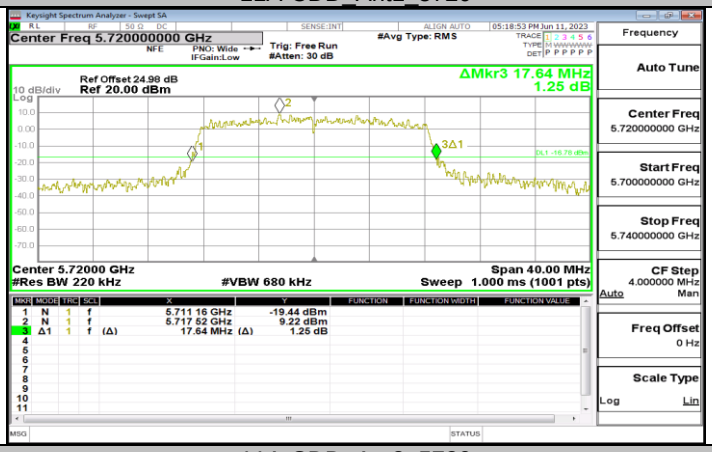
11A-CDD_Ant1_5700



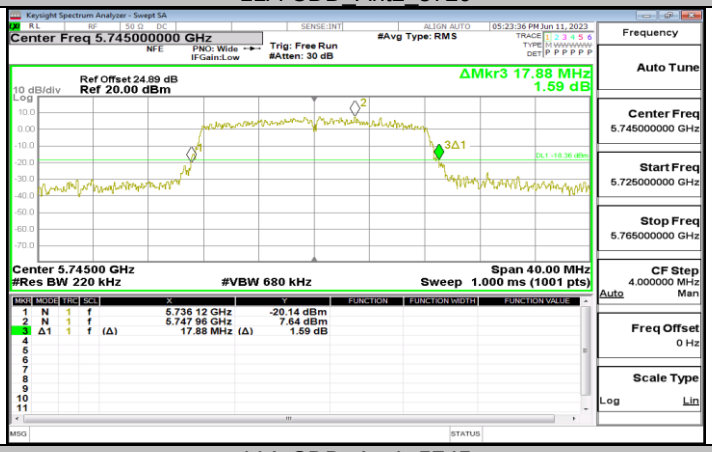
11A-CDD_Ant2_5700



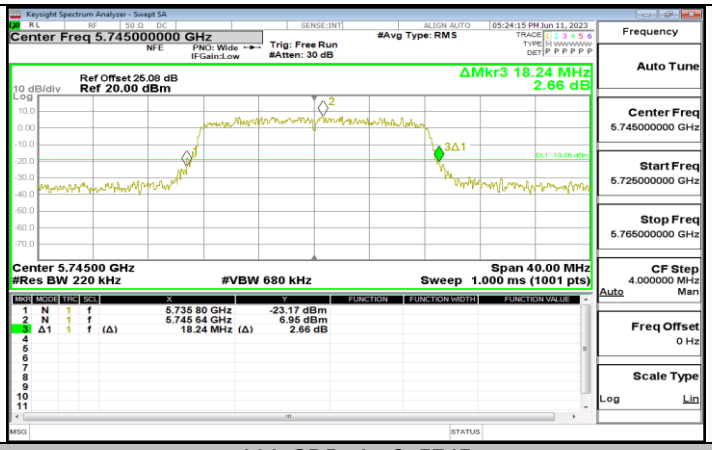
11A-CDD_Ant1_5720



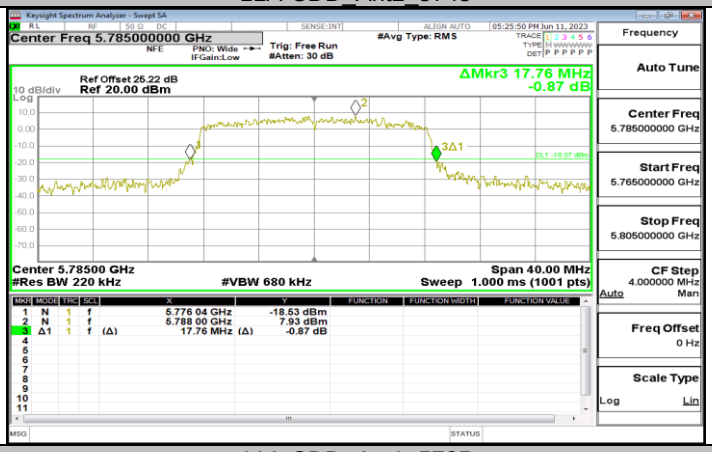
11A-CDD_Ant2_5720



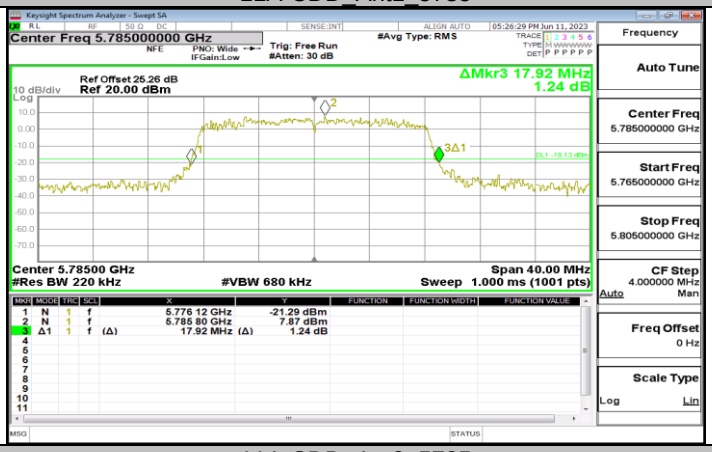
11A-CDD_Ant1_5745



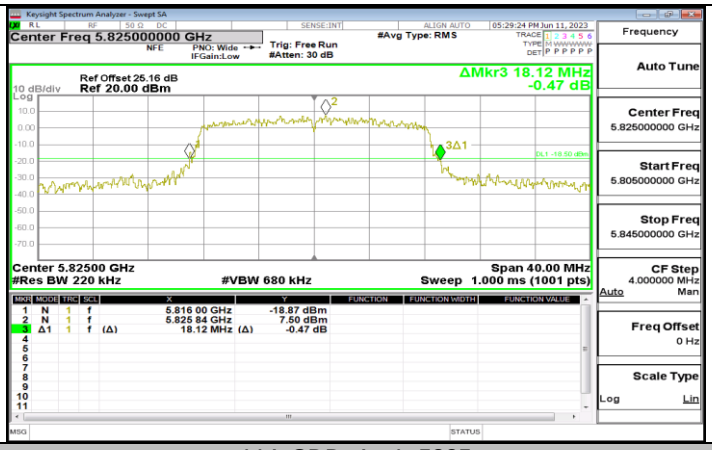
11A-CDD_Ant2_5745



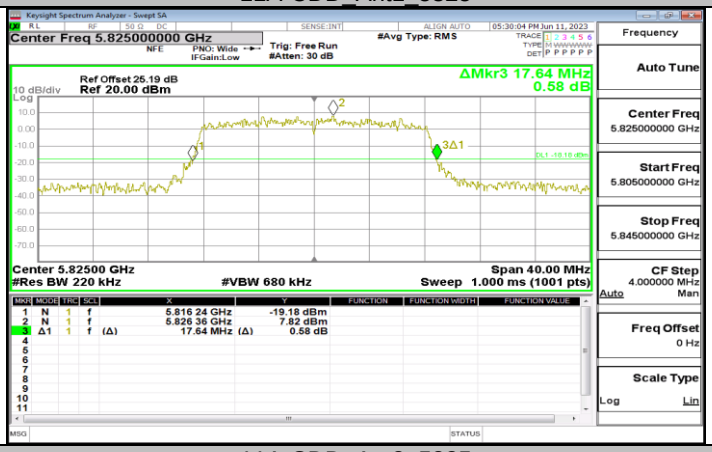
11A-CDD_Ant1_5785



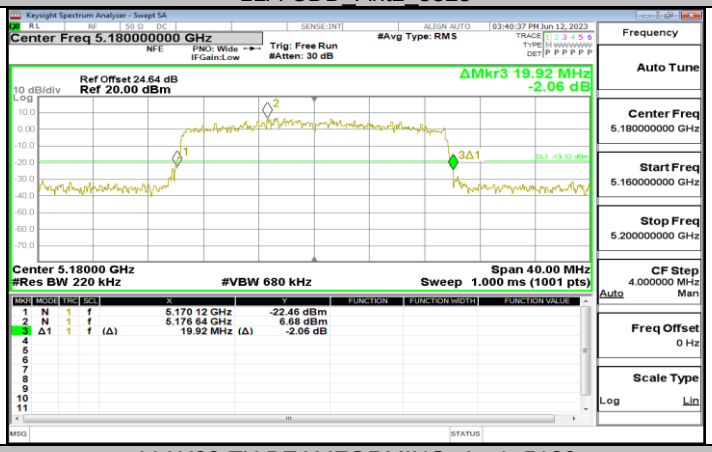
11A-CDD_Ant2_5785



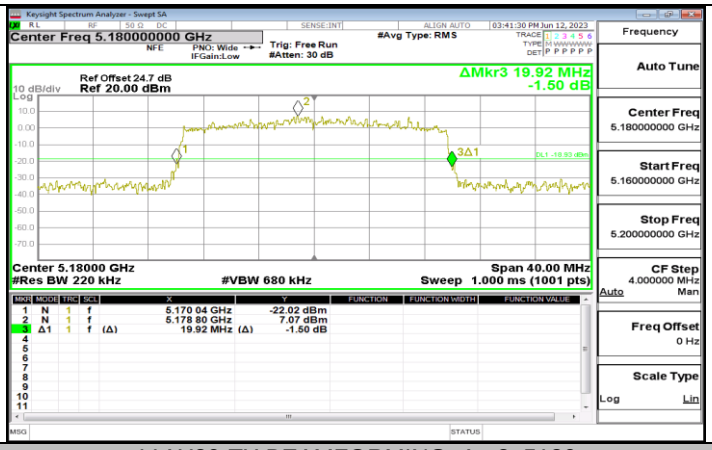
11A-CDD_Ant1_5825



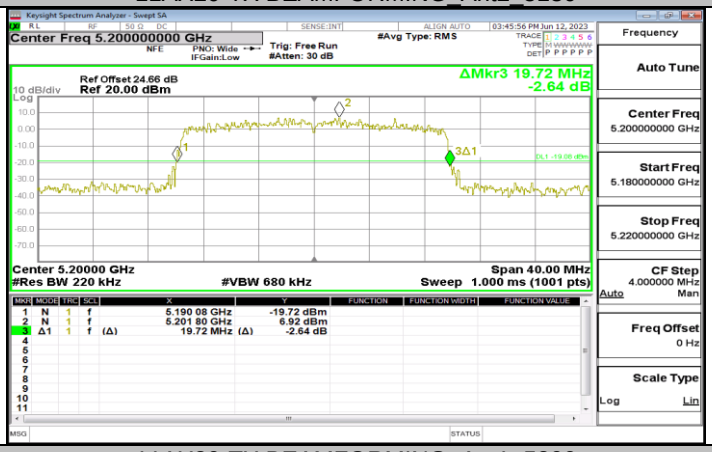
11A-CDD_Ant2_5825



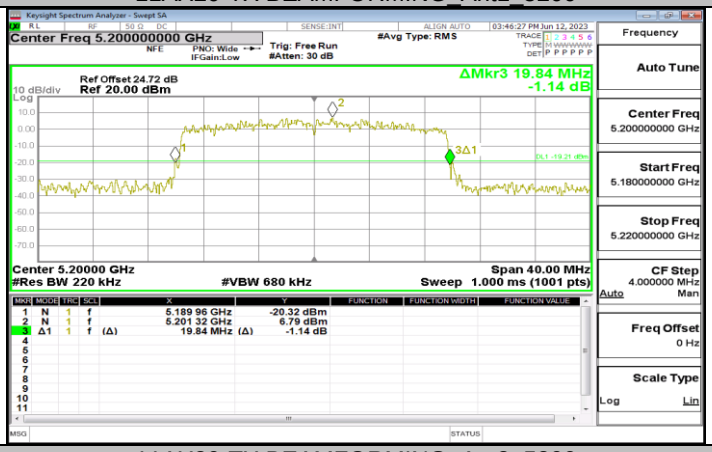
11AX20-TX BEAMFORMING_Ant1_5180



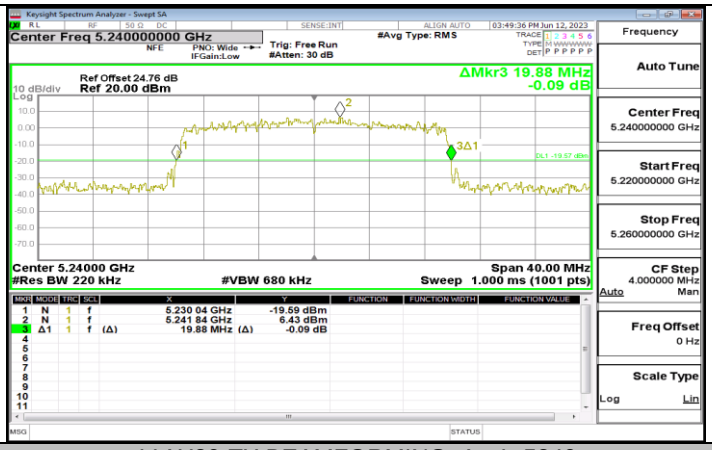
11AX20-TX BEAMFORMING_Ant2_5180



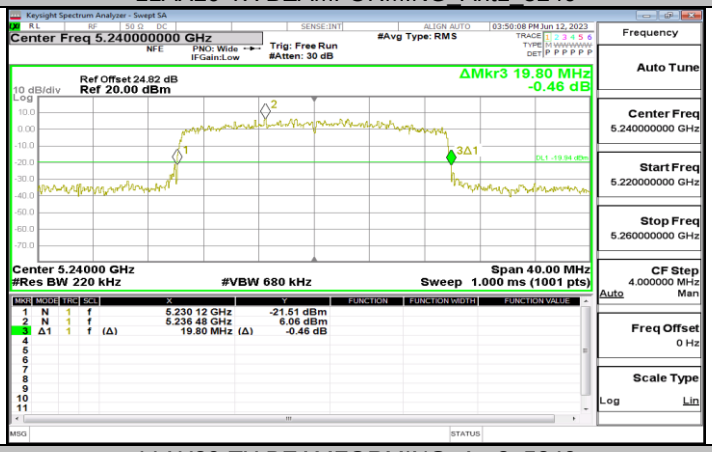
11AX20-TX BEAMFORMING_Ant1_5200



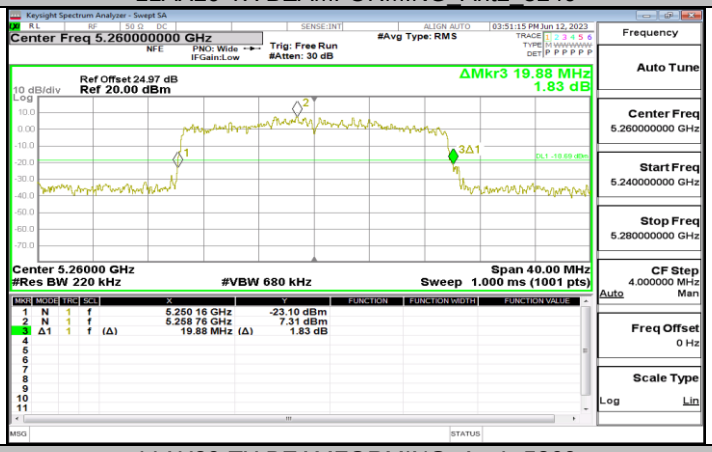
11AX20-TX BEAMFORMING_Ant2_5200



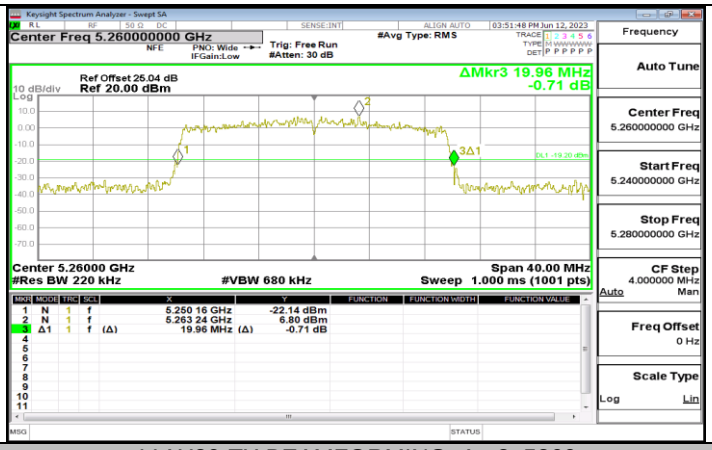
11AX20-TX BEAMFORMING_Ant1_5240



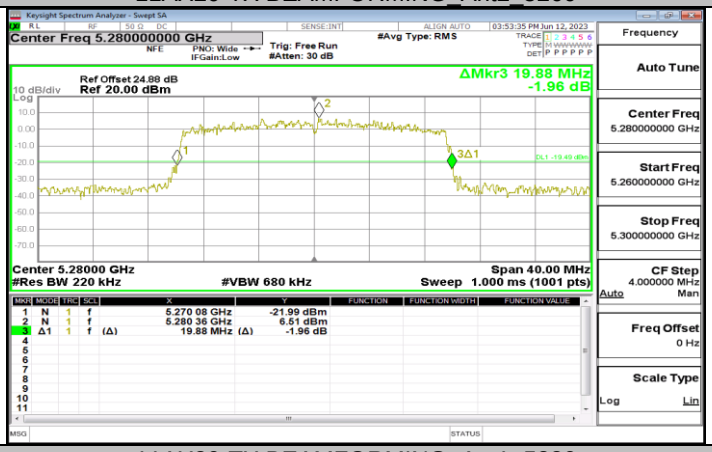
11AX20-TX BEAMFORMING_Ant2_5240



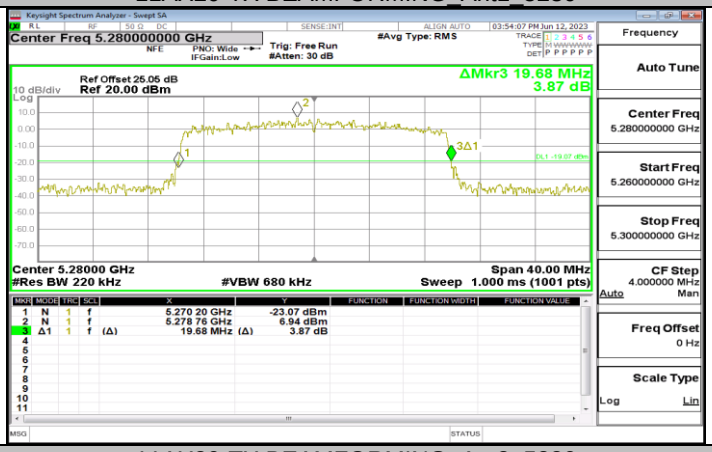
11AX20-TX BEAMFORMING_Ant1_5260



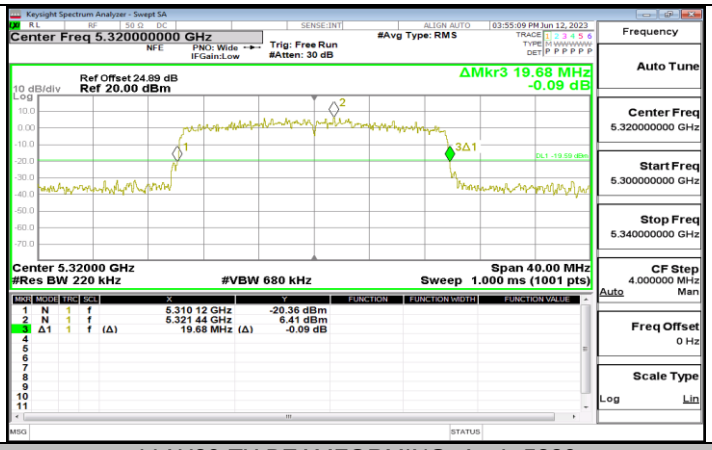
11AX20-TX BEAMFORMING_Ant2_5260



11AX20-TX BEAMFORMING_Ant1_5280



11AX20-TX BEAMFORMING_Ant2_5280



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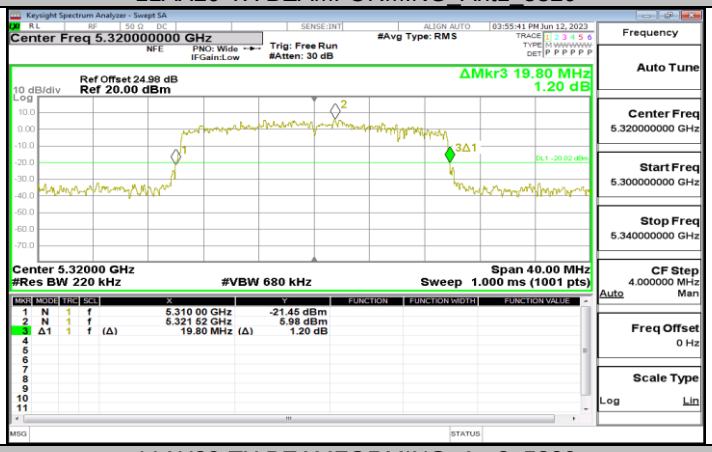

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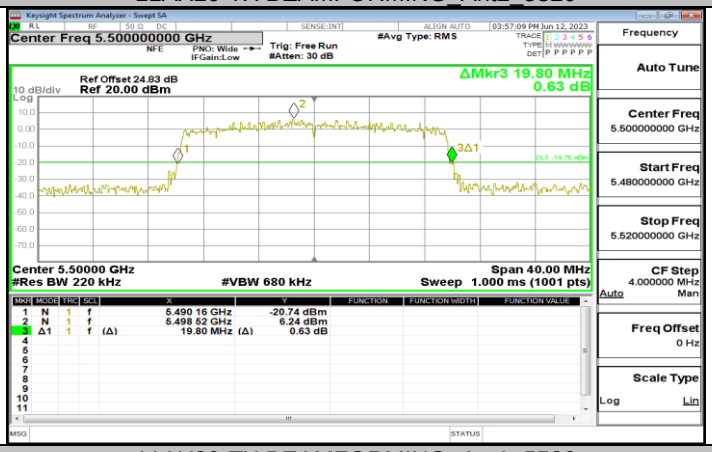

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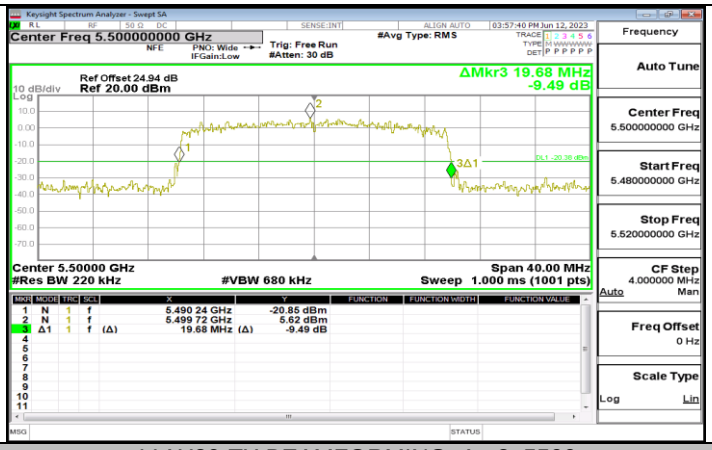

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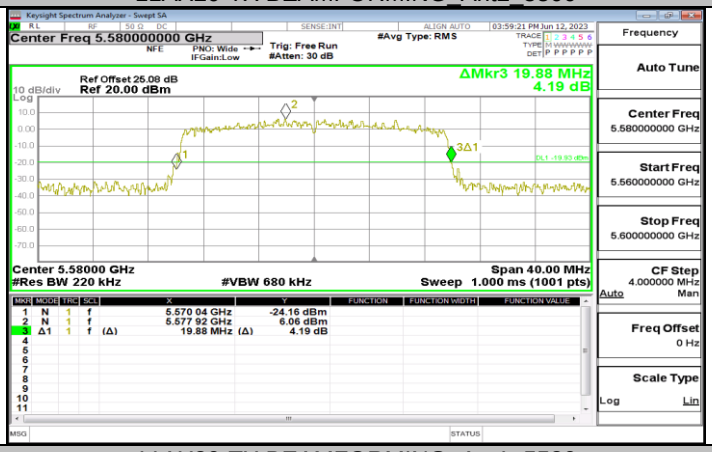

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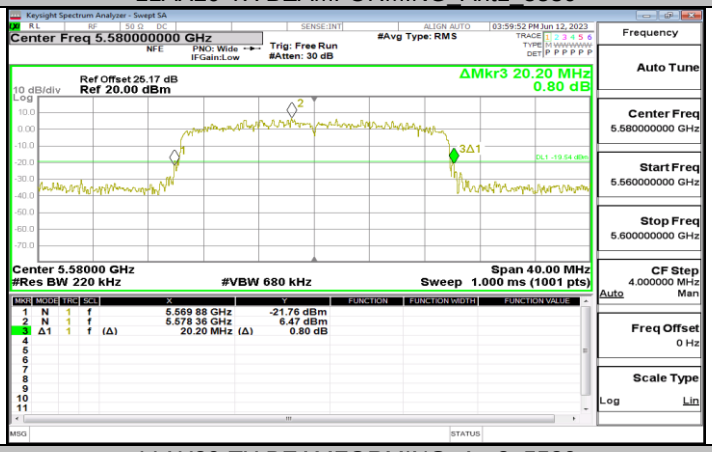

11AX20-TX BEAMFORMING_Ant2_5580