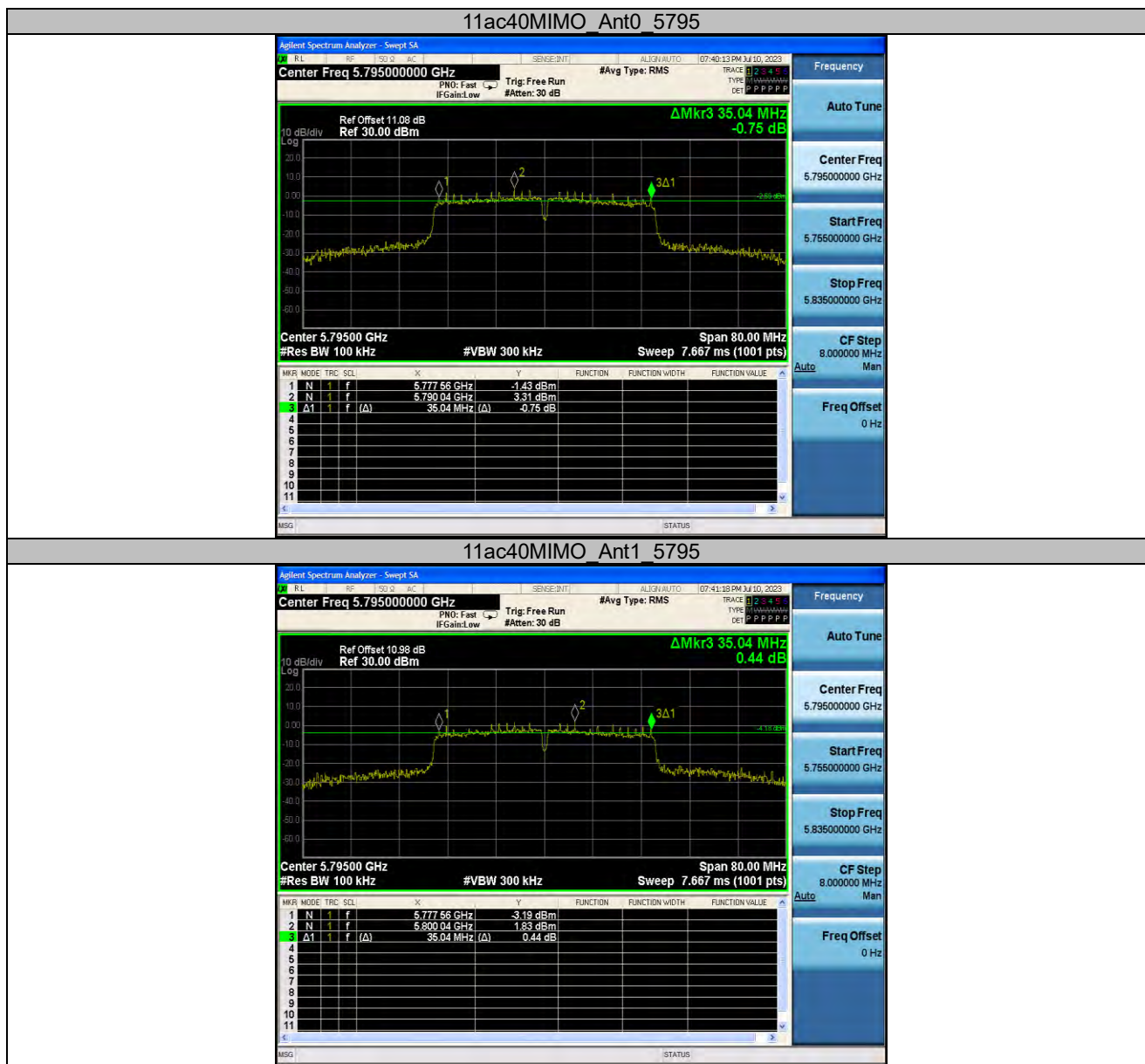




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Report No.: ZEWM2306000892RG02
Page: 75 of 141



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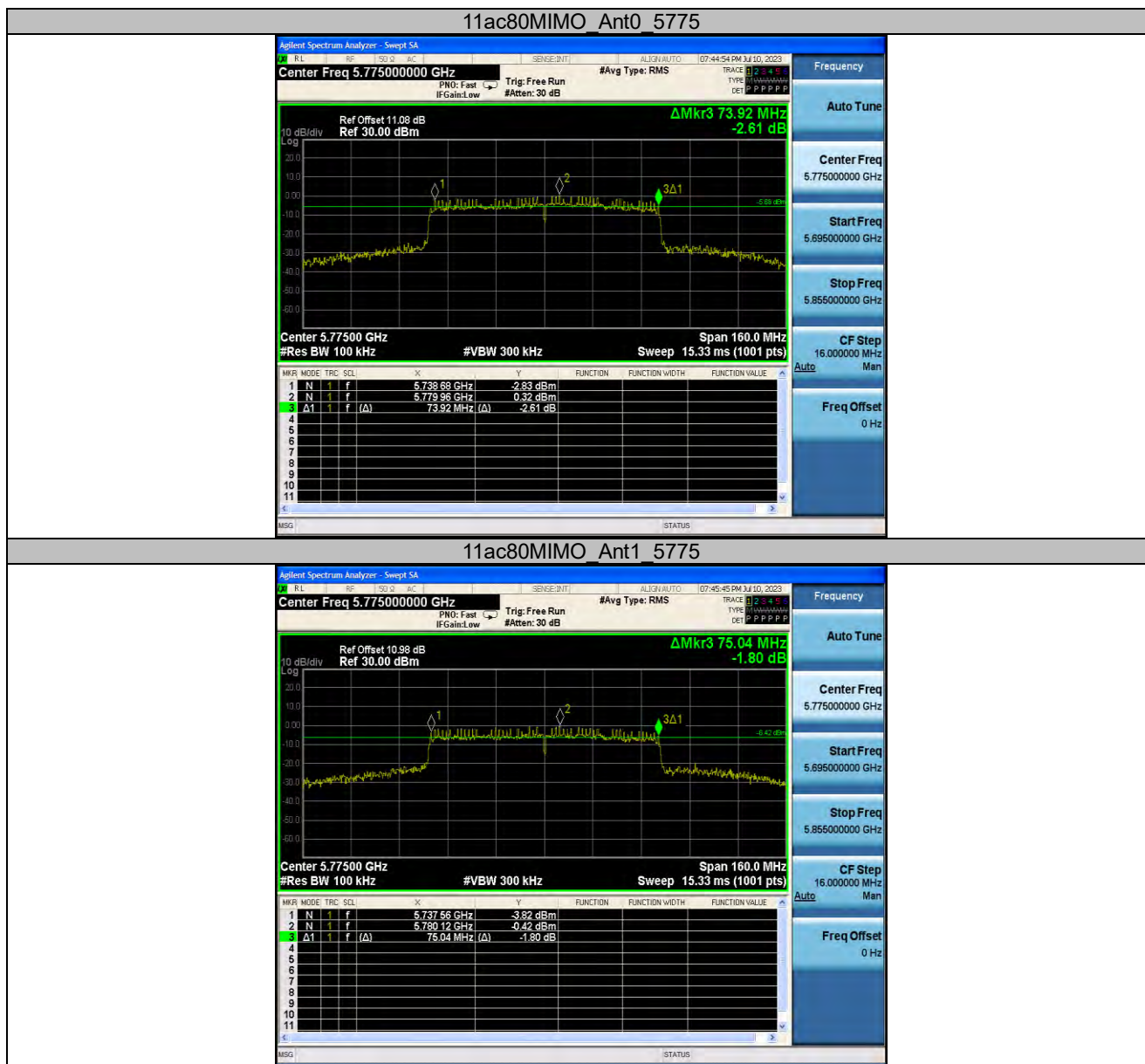
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Report No.: ZEWM2306000892RG02
Page: 76 of 141



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Report No.: ZEWM2306000892RG02
Page: 77 of 141

Duty Cycle Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11a-CDD	Ant0	5745	1.44	1.62	88.89
	Ant1	5745	1.44	1.60	90.00
	Ant0	5785	1.44	1.62	88.89
	Ant1	5785	1.44	1.60	90.00
	Ant0	5825	1.44	1.61	89.44
	Ant1	5825	1.44	1.56	92.31
11n20MIMO	Ant0	5745	1.35	1.52	88.82
	Ant1	5745	1.35	1.52	88.82
	Ant0	5785	1.35	1.53	88.24
	Ant1	5785	1.35	1.52	88.82
	Ant0	5825	1.35	1.52	88.82
	Ant1	5825	1.35	1.46	92.47
11n40MIMO	Ant0	5755	0.67	0.84	79.76
	Ant1	5755	0.67	0.84	79.76
	Ant0	5795	0.66	0.84	78.57
	Ant1	5795	0.67	0.85	78.82
11ac20MIMO	Ant0	5745	1.36	1.51	90.07
	Ant1	5745	1.36	1.52	89.47
	Ant0	5785	1.36	1.53	88.89
	Ant1	5785	1.36	1.54	88.31
	Ant0	5825	1.36	1.53	88.89
	Ant1	5825	1.36	1.52	89.47
11ac40MIMO	Ant0	5755	0.67	0.85	78.82
	Ant1	5755	0.67	0.84	79.76
	Ant0	5795	0.68	0.84	80.95
	Ant1	5795	0.68	0.79	86.08
11ac80MIMO	Ant0	5775	0.34	0.52	65.38
	Ant1	5775	0.34	0.52	65.38

Note:

Radiated Emission Average VBW = 1 / T

TestMode	T[ms]	Period[ms]	Duty Cycle[%]	1/T[kHz]	VBW Setting
11a CDD	1.44	1.6	90.00	0.69444	0.7KHz
11ac20 MIMO	1.36	1.51	90.07	0.73529	0.8KHz
11ac40 MIMO	0.67	0.84	79.76	1.49253	1.5KHz
11ac80 MIMO	0.34	0.52	65.38	2.94117	3KHz



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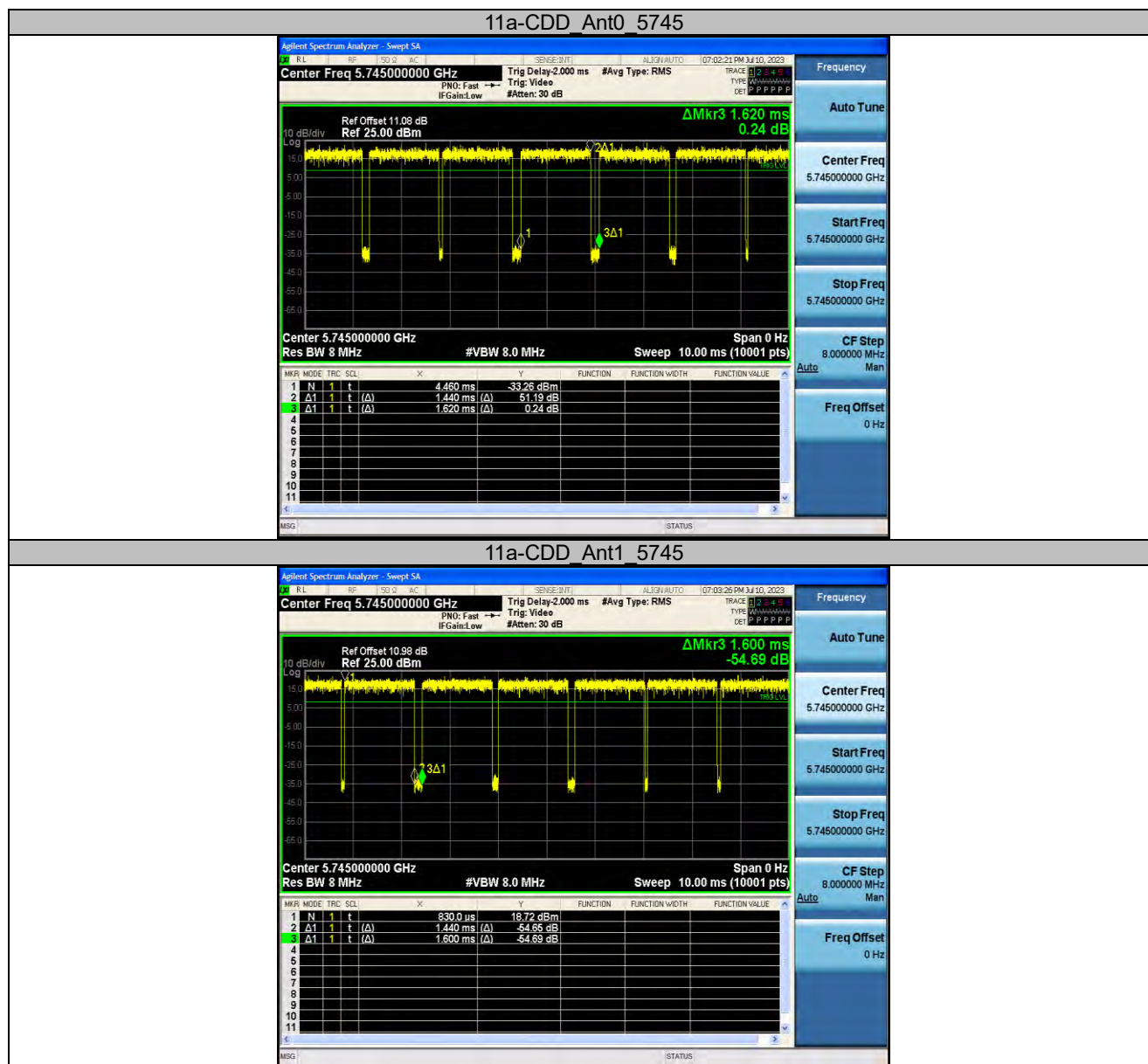
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Report No.: ZEWM2306000892RG02
Page: 78 of 141

Test Graphs



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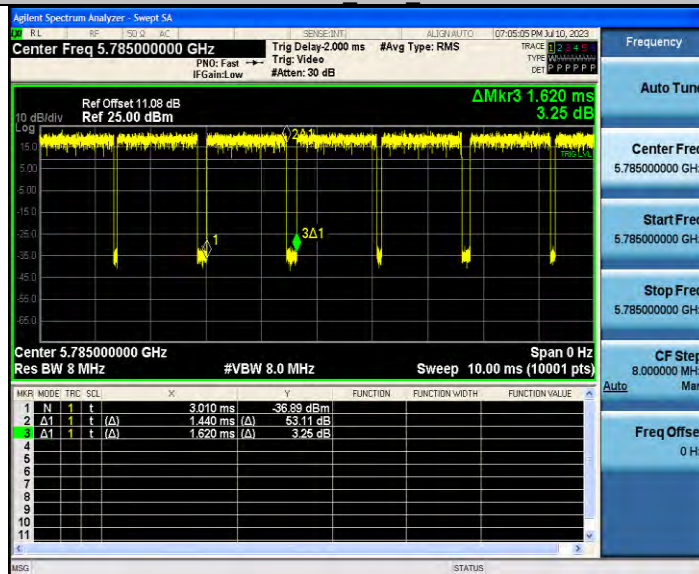
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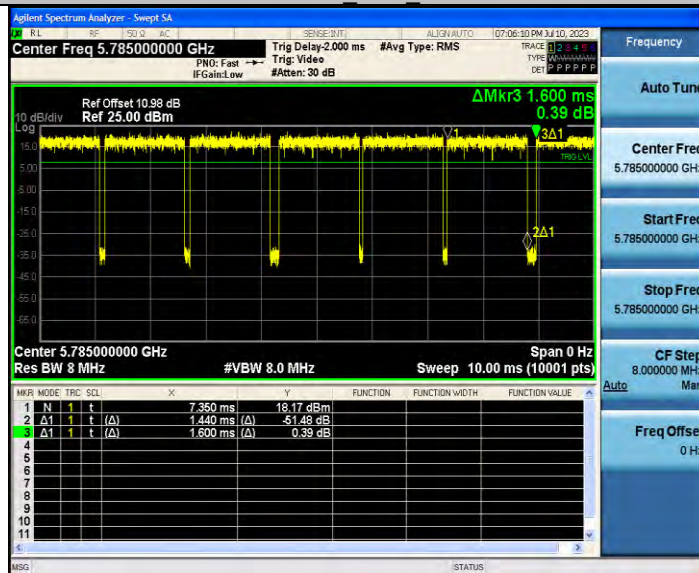
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Report No.: ZEWM2306000892RG02
Page: 79 of 141

11a-CDD Ant0 5785



11a-CDD Ant1 5785



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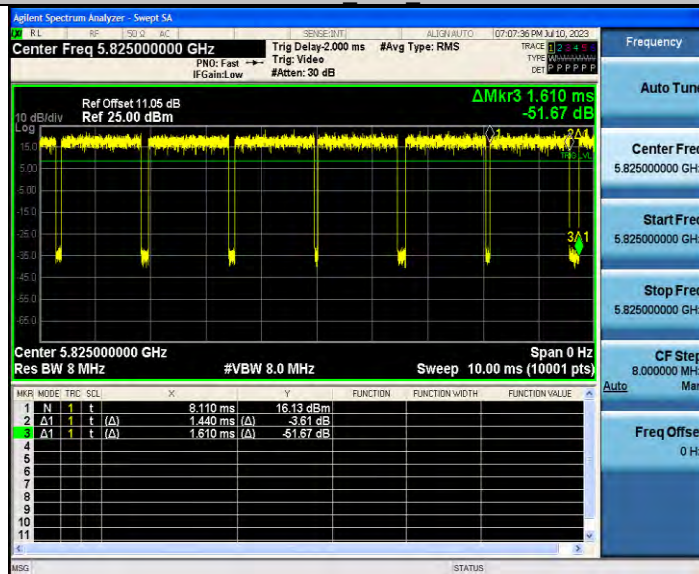
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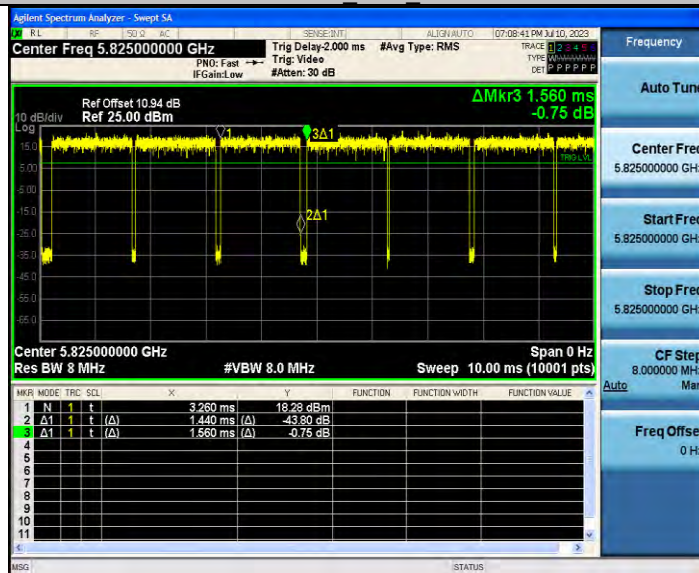
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Report No.: ZEWM2306000892RG02
Page: 80 of 141

11a-CDD Ant0 5825



11a-CDD Ant1 5825



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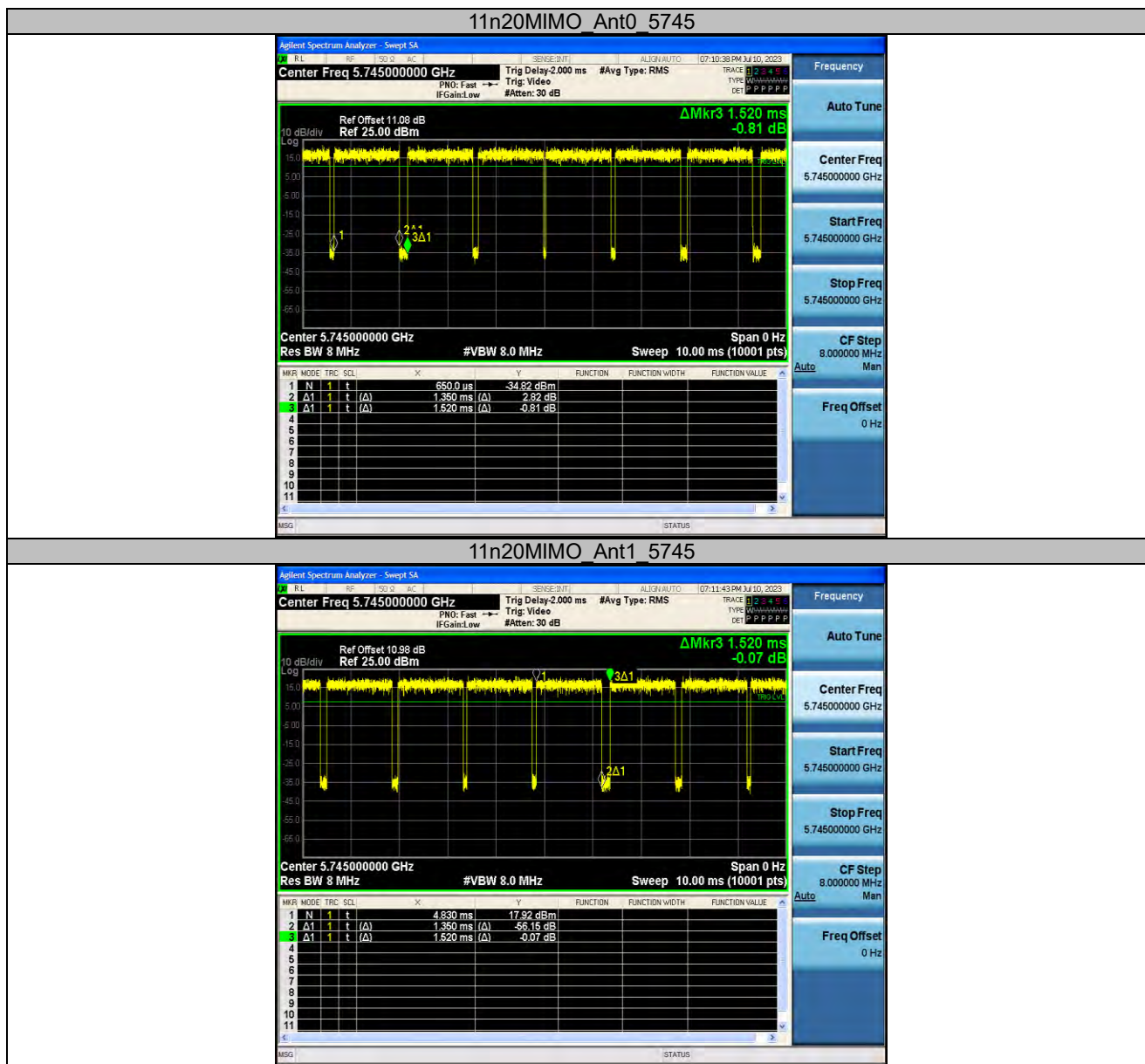
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Report No.: ZEWM2306000892RG02
Page: 81 of 141



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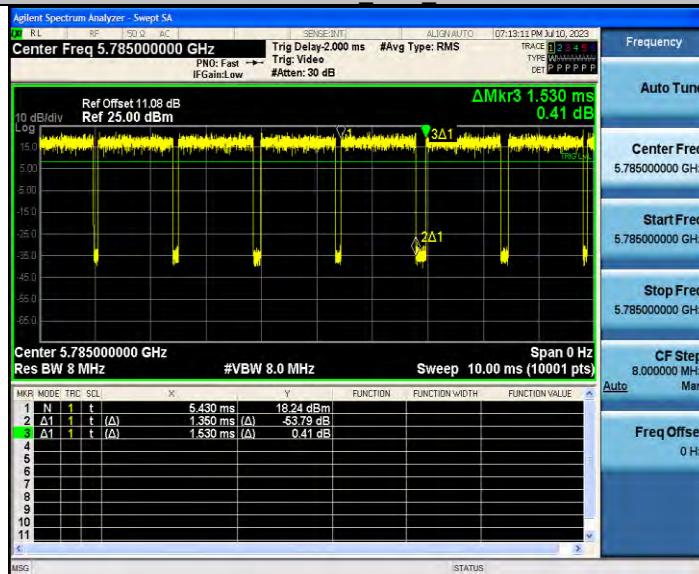
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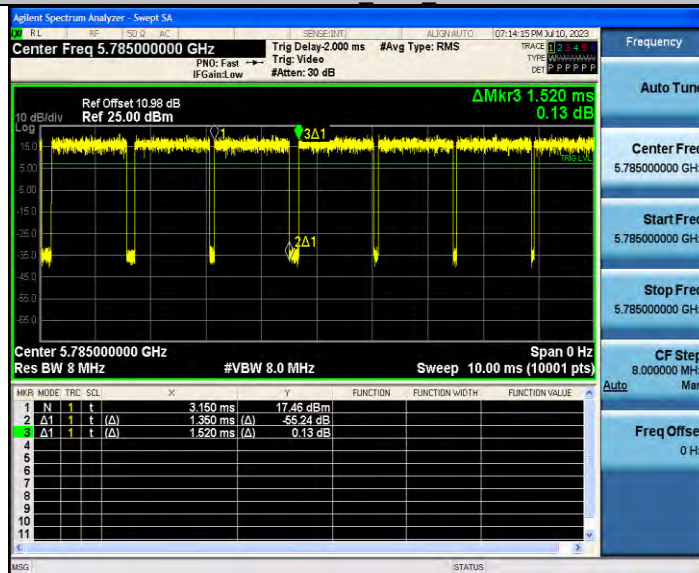
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Report No.: ZEWM2306000892RG02
Page: 82 of 141

11n20MIMO Ant0 5785



11n20MIMO Ant1 5785



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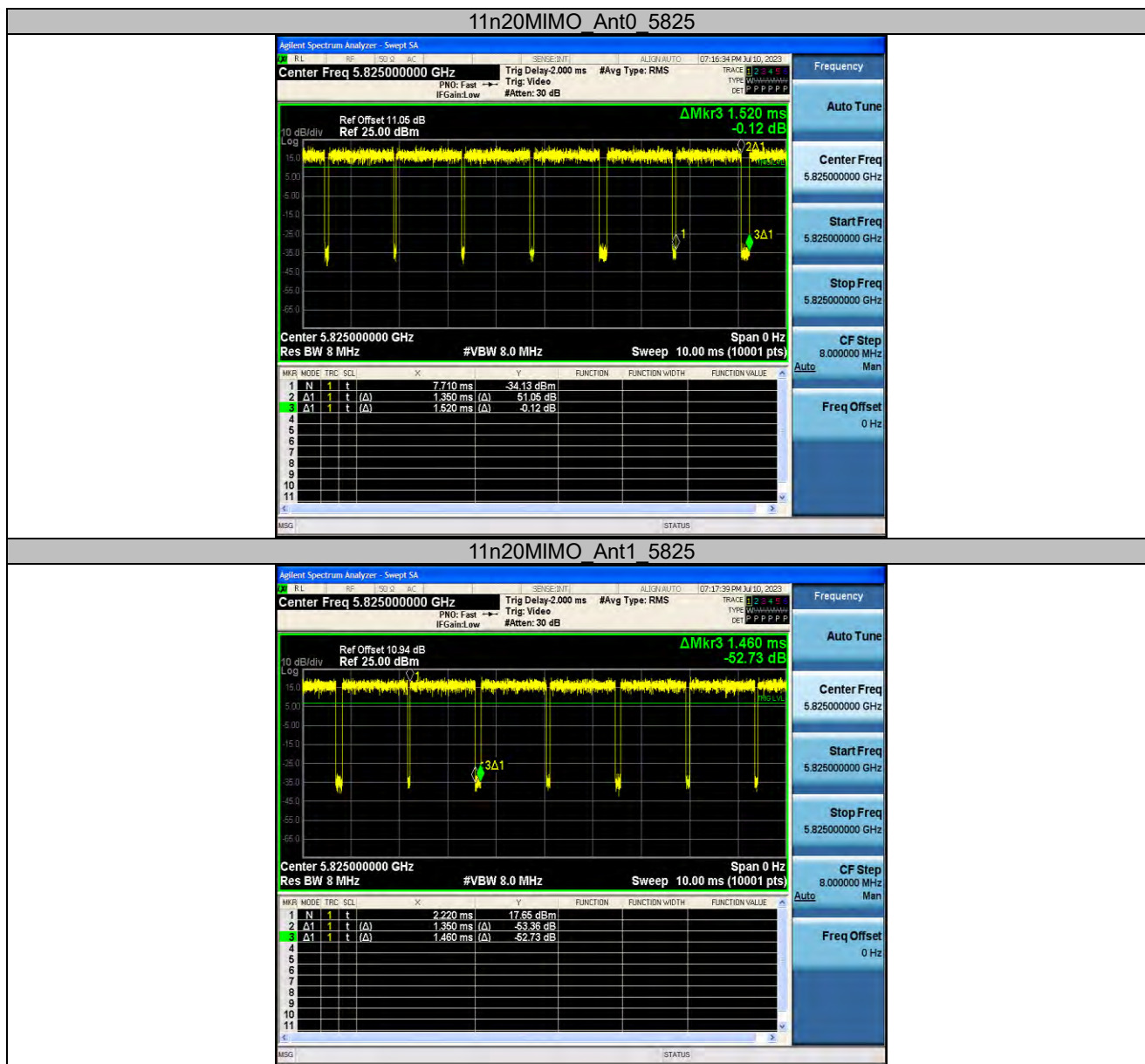
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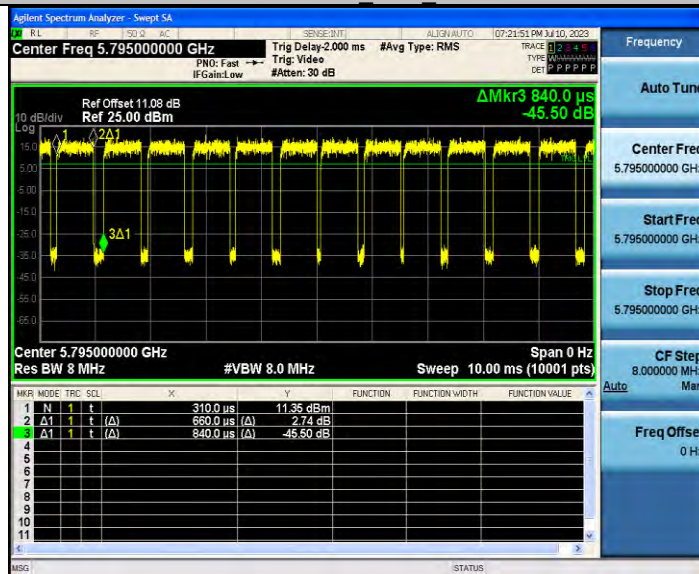
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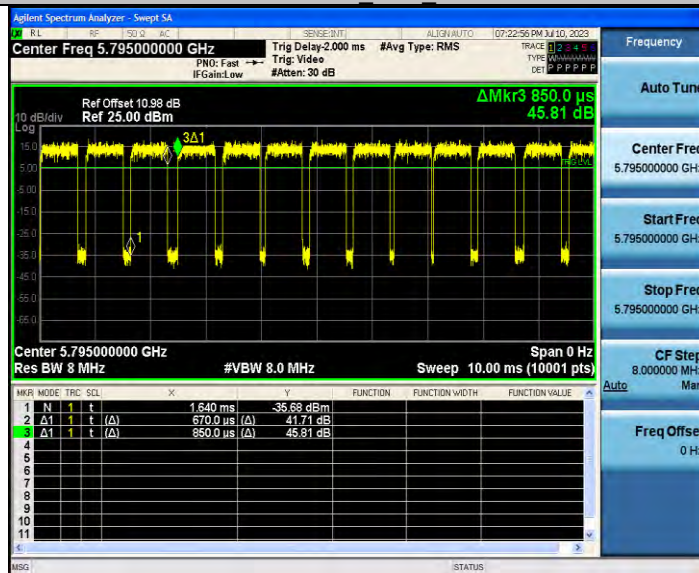
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11n40MIMO Ant0 5795



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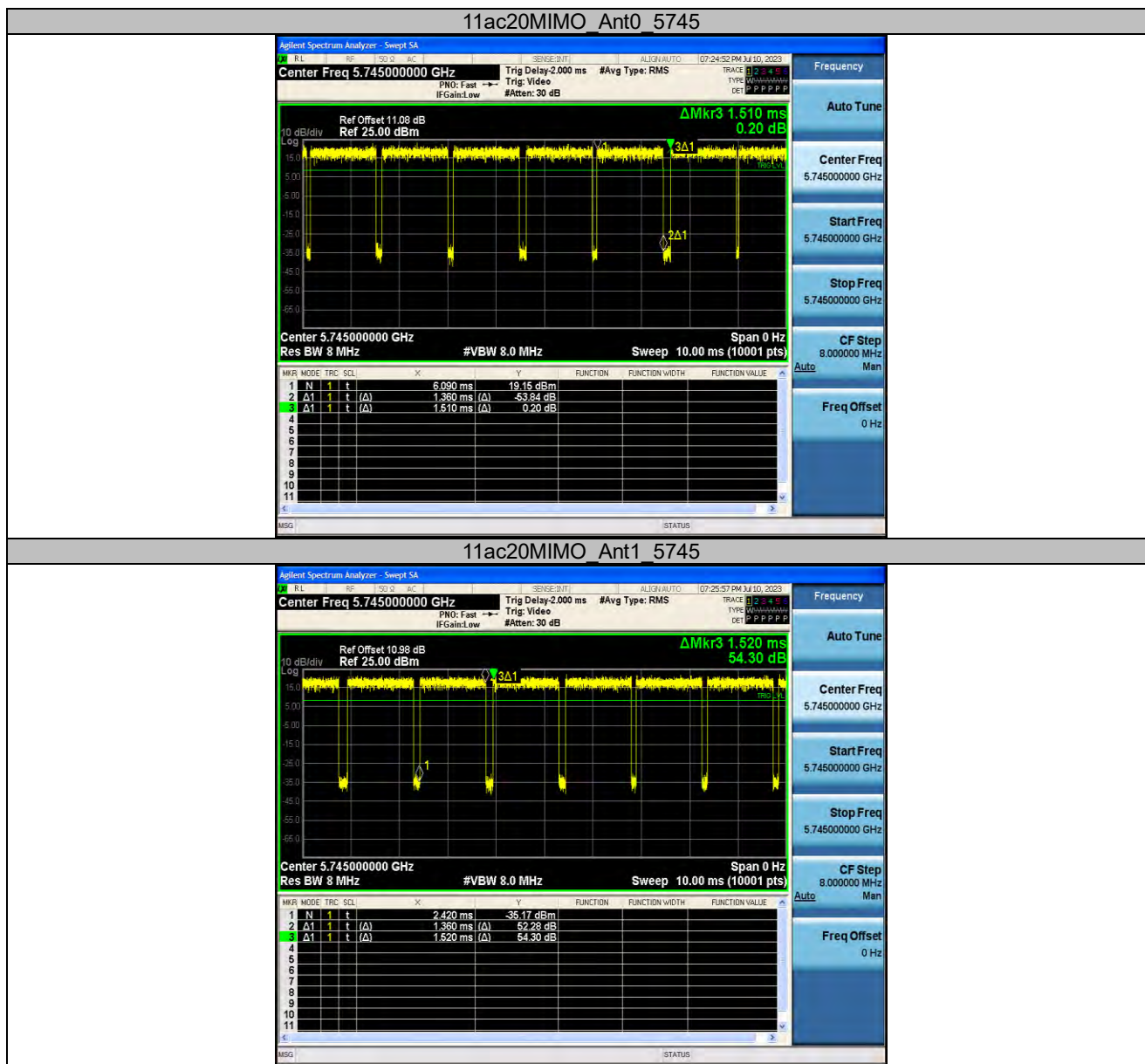
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Page: 86 of 141



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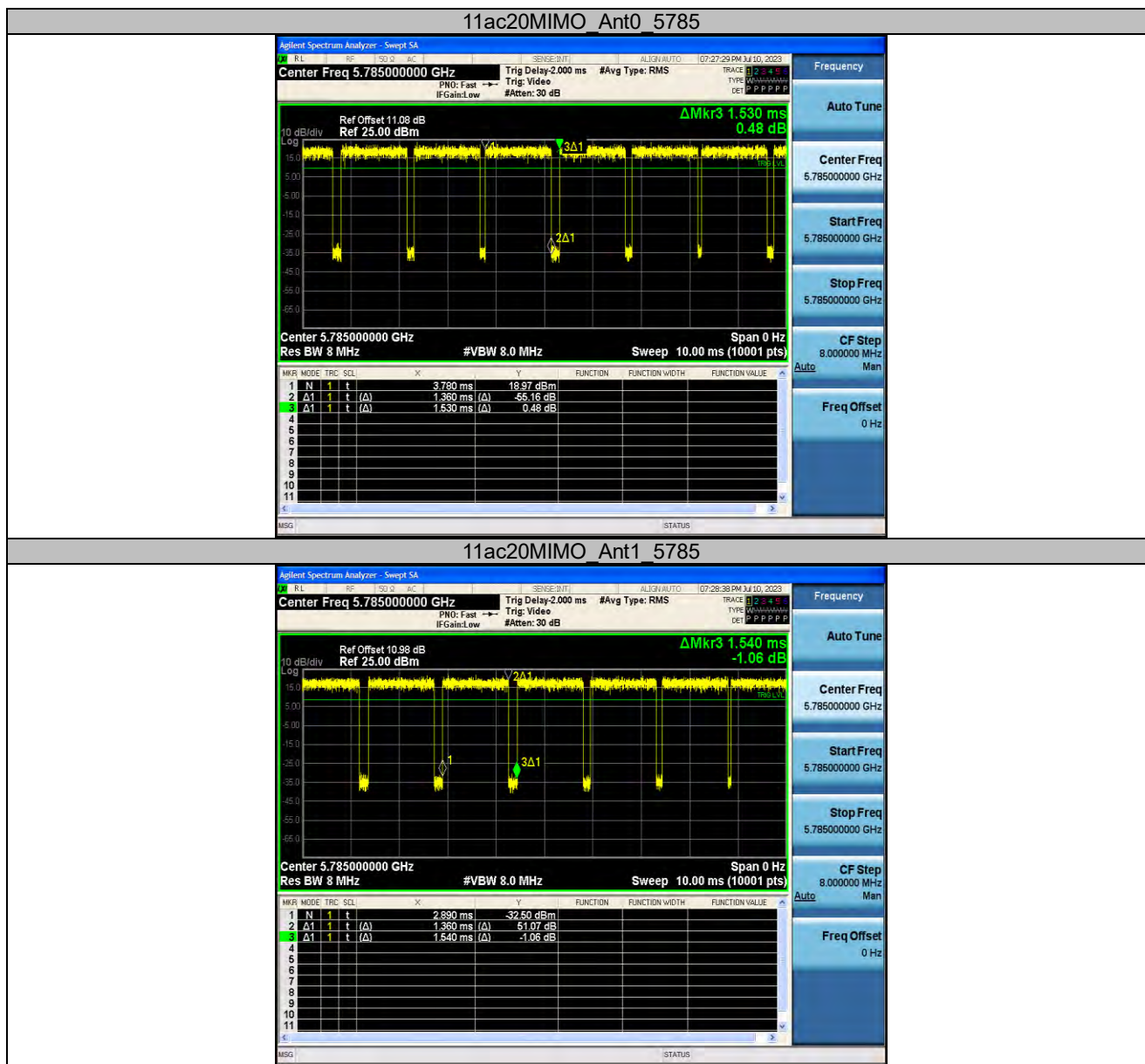
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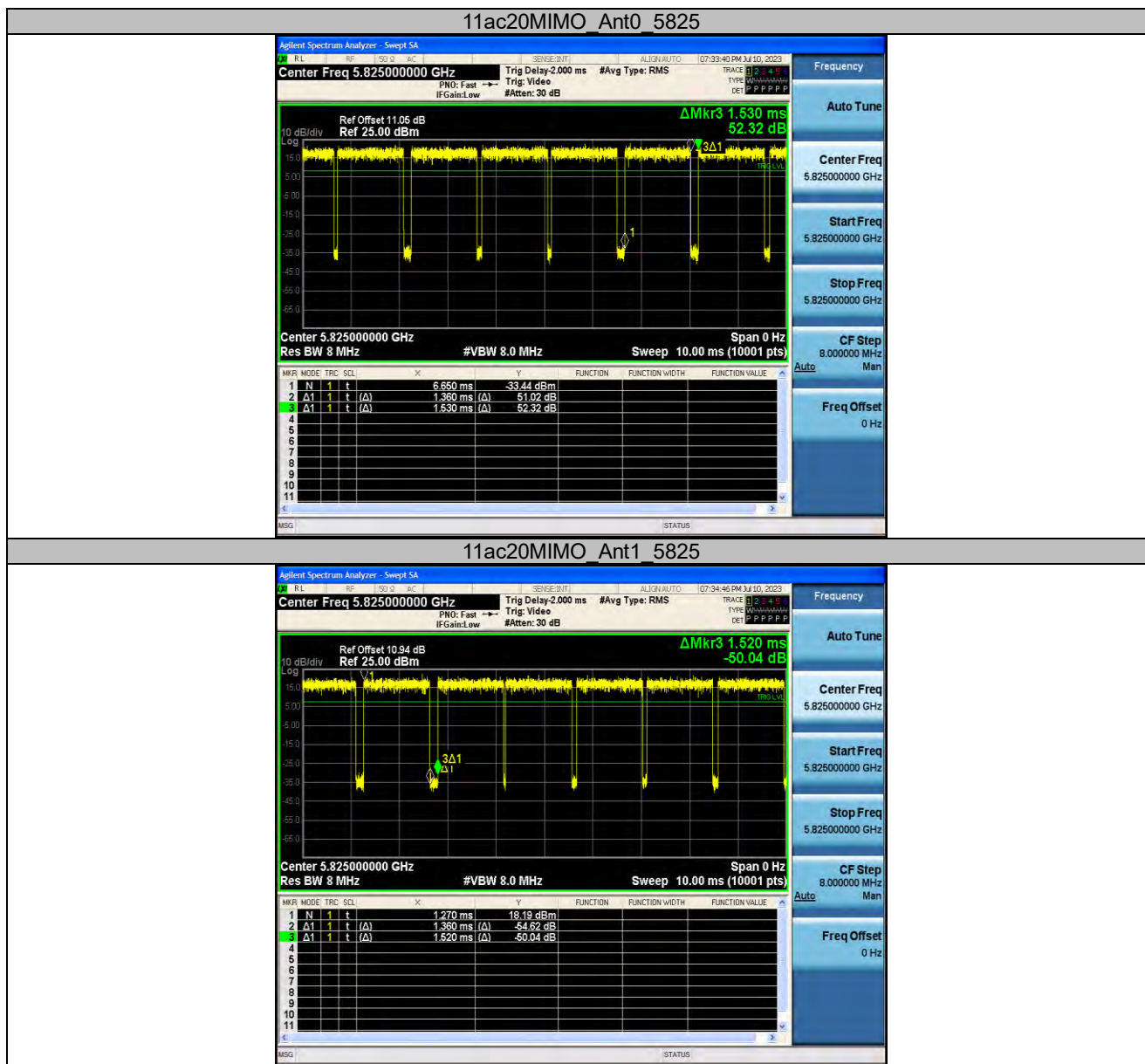
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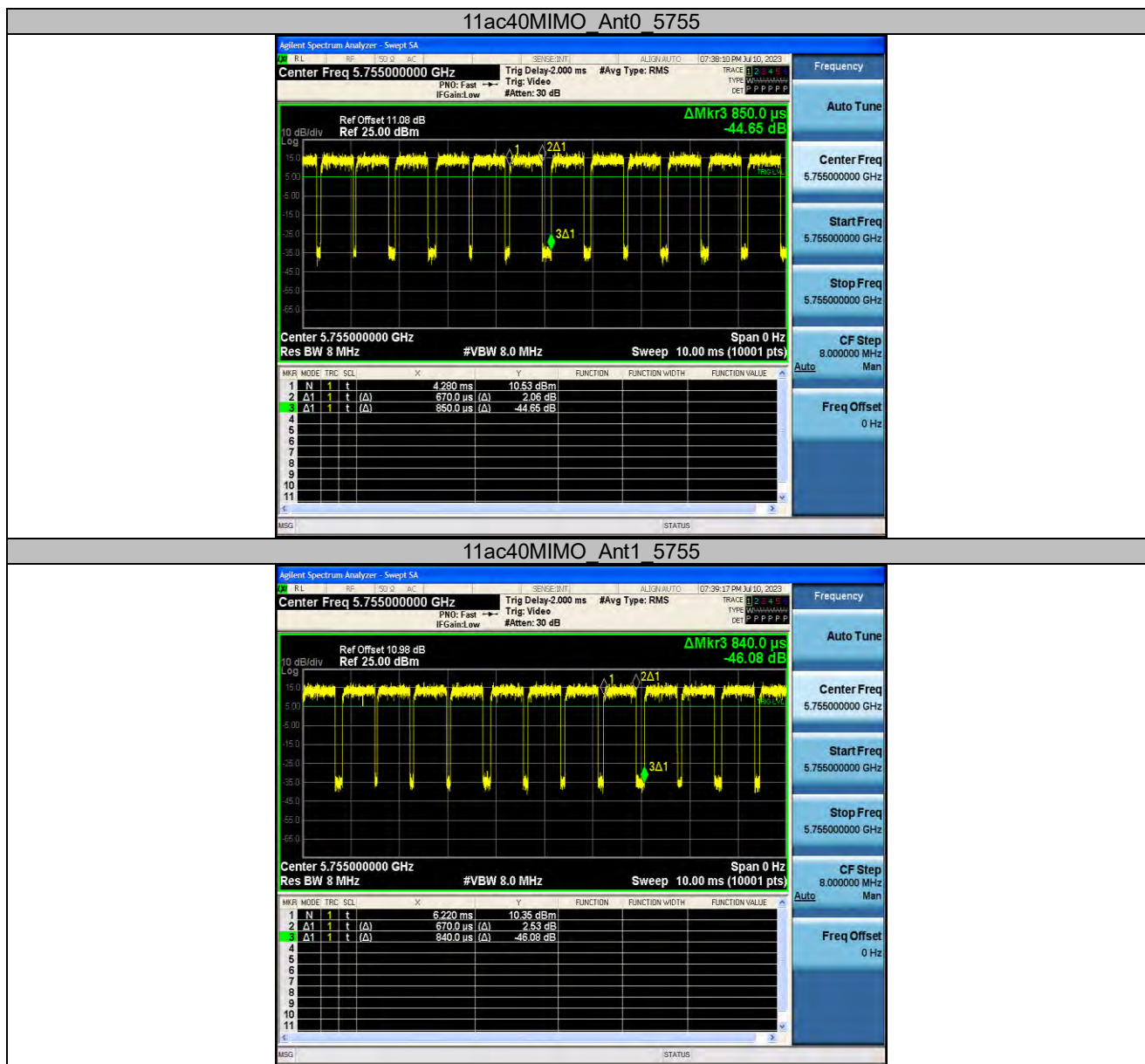
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Report No.: ZEWM2306000892RG02
Page: 89 of 141



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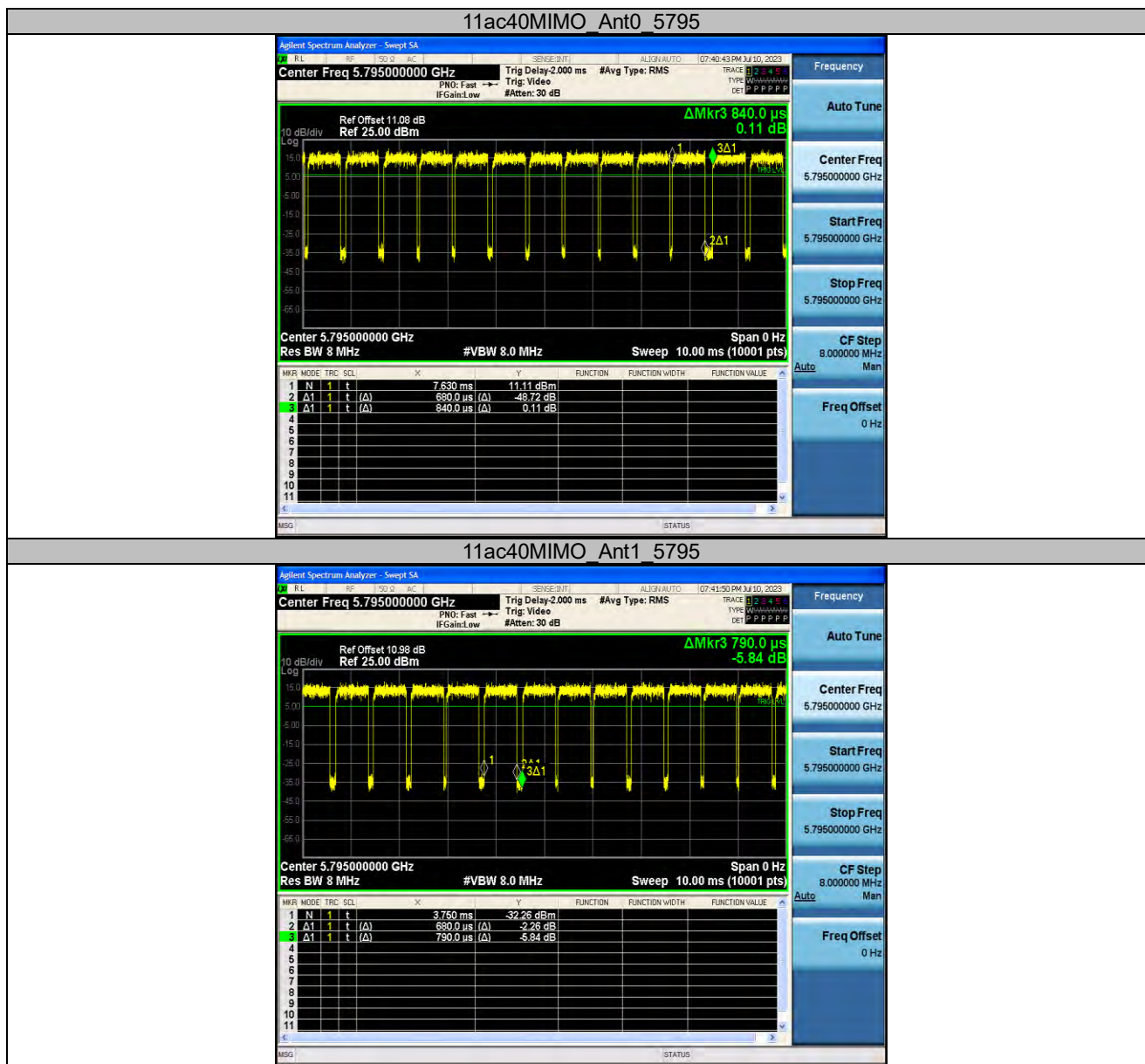
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Report No.: ZEWM2306000892RG02
Page: 90 of 141



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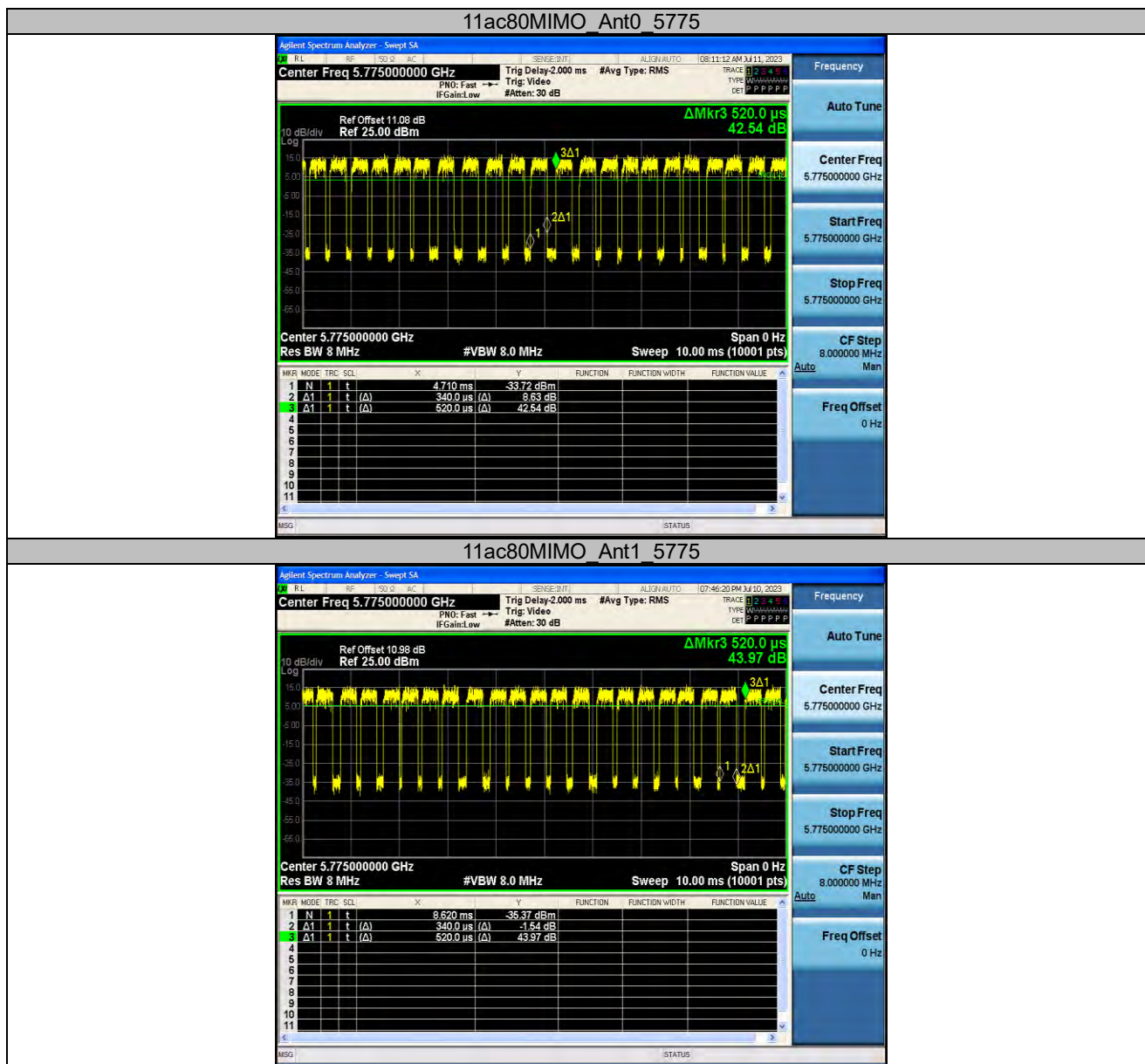
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Report No.: ZEWM2306000892RG02
Page: 91 of 141



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Report No.: ZEWM2306000892RG02
Page: 92 of 141

Maximum conducted output power Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11a-CDD	Ant0	5745	16.54	≤30.00	PASS
	Ant1	5745	16.22	≤30.00	PASS
	total	5745	19.39	≤29.87	PASS
	Ant0	5785	17.02	≤30.00	PASS
	Ant1	5785	15.87	≤30.00	PASS
	total	5785	19.49	≤29.87	PASS
	Ant0	5825	16.65	≤30.00	PASS
	Ant1	5825	16.15	≤30.00	PASS
11n20MIMO	total	5825	19.42	≤29.87	PASS
	Ant0	5745	14.31	≤30.00	PASS
	Ant1	5745	13.78	≤30.00	PASS
	total	5745	17.06	≤29.87	PASS
	Ant0	5785	14.56	≤30.00	PASS
	Ant1	5785	14.24	≤30.00	PASS
	total	5785	17.41	≤29.87	PASS
	Ant0	5825	15.15	≤30.00	PASS
11n40MIMO	Ant1	5825	13.85	≤30.00	PASS
	total	5825	17.56	≤29.87	PASS
	Ant0	5755	14.15	≤30.00	PASS
	Ant1	5755	13.92	≤30.00	PASS
	total	5755	17.05	≤29.87	PASS
	Ant0	5795	14.36	≤30.00	PASS
	Ant1	5795	13.91	≤30.00	PASS
	total	5795	17.15	≤29.87	PASS
11ac20MIMO	Ant0	5745	15.37	≤30.00	PASS
	Ant1	5745	15.22	≤30.00	PASS
	total	5745	18.31	≤29.87	PASS
	Ant0	5785	15.02	≤30.00	PASS
	Ant1	5785	14.75	≤30.00	PASS
	total	5785	17.90	≤29.87	PASS
	Ant0	5825	15.12	≤30.00	PASS
	Ant1	5825	15.01	≤30.00	PASS
11ac40MIMO	total	5825	18.08	≤29.87	PASS
	Ant0	5755	15.17	≤30.00	PASS
	Ant1	5755	14.45	≤30.00	PASS
	total	5755	17.84	≤29.87	PASS
	Ant0	5795	15.46	≤30.00	PASS
	Ant1	5795	14.68	≤30.00	PASS
	total	5795	18.10	≤29.87	PASS
11ac80MIMO	Ant0	5775	15.15	≤30.00	PASS
	Ant1	5775	14.75	≤30.00	PASS
	total	5775	17.96	≤29.87	PASS



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Report No.: ZEWM2306000892RG02
Page: 93 of 141

Maximum power spectral density Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11a-CDD	Ant0	5745	3.24	≤30.00	PASS
	Ant1	5745	2.97	≤30.00	PASS
	total	5745	6.12	≤26.86	PASS
	Ant0	5785	3.96	≤30.00	PASS
	Ant1	5785	2.87	≤30.00	PASS
	total	5785	6.46	≤26.86	PASS
	Ant0	5825	2.95	≤30.00	PASS
	Ant1	5825	2.32	≤30.00	PASS
	total	5825	5.66	≤26.86	PASS
11n20MIMO	Ant0	5745	1.92	≤30.00	PASS
	Ant1	5745	2.13	≤30.00	PASS
	total	5745	5.04	≤26.86	PASS
	Ant0	5785	2.52	≤30.00	PASS
	Ant1	5785	1.94	≤30.00	PASS
	total	5785	5.25	≤26.86	PASS
	Ant0	5825	1.87	≤30.00	PASS
	Ant1	5825	1.77	≤30.00	PASS
	total	5825	4.83	≤26.86	PASS
11n40MIMO	Ant0	5755	-0.75	≤30.00	PASS
	Ant1	5755	-1.47	≤30.00	PASS
	total	5755	1.92	≤26.86	PASS
	Ant0	5795	0.27	≤30.00	PASS
	Ant1	5795	-0.88	≤30.00	PASS
	total	5795	2.74	≤26.86	PASS
11ac20MIMO	Ant0	5745	2.63	≤30.00	PASS
	Ant1	5745	2.49	≤30.00	PASS
	total	5745	5.57	≤26.86	PASS
	Ant0	5785	3.02	≤30.00	PASS
	Ant1	5785	1.86	≤30.00	PASS
	total	5785	5.49	≤26.86	PASS
	Ant0	5825	3.03	≤30.00	PASS
	Ant1	5825	2.06	≤30.00	PASS
	total	5825	5.58	≤26.86	PASS
11ac40MIMO	Ant0	5755	-0.69	≤30.00	PASS
	Ant1	5755	-0.86	≤30.00	PASS
	total	5755	2.24	≤26.86	PASS
	Ant0	5795	-0.09	≤30.00	PASS
	Ant1	5795	-1.63	≤30.00	PASS
	total	5795	2.22	≤26.86	PASS
11ac80MIMO	Ant0	5775	-1.89	≤30.00	PASS
	Ant1	5775	-3.63	≤30.00	PASS
	total	5775	0.34	≤26.86	PASS

Note: 1.The Duty Cycle Factor and RBW Factor is compensated in the graph.



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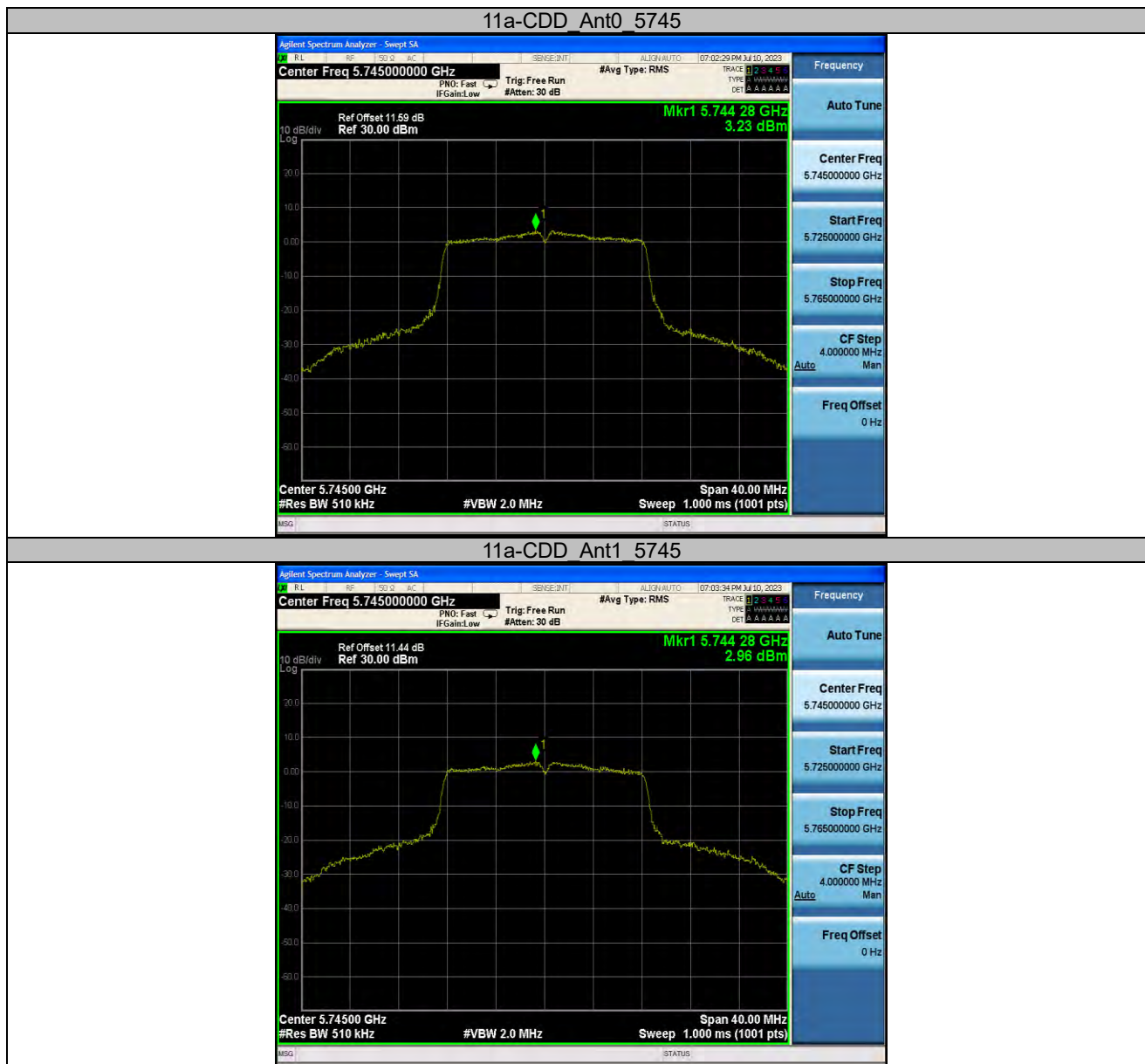
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Report No.: ZEWM2306000892RG02
Page: 94 of 141

Test Graphs



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11a-CDD Ant0 5785



11a-CDD Ant1 5785



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Report No.: ZEWM2306000892RG02
Page: 96 of 141

11a-CDD Ant0 5825



11a-CDD Ant1 5825



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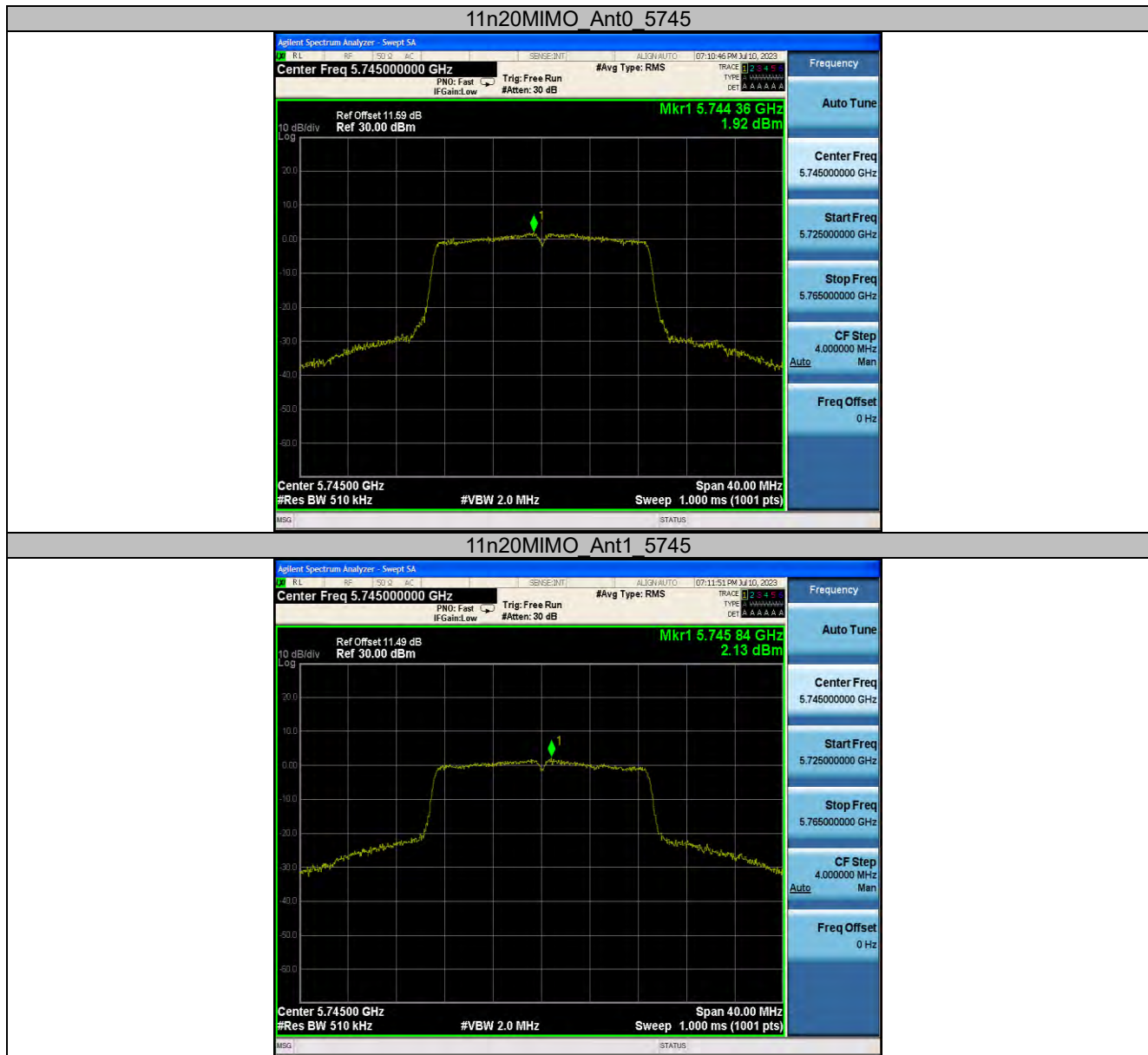
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11n20MIMO Ant0 5825



11n20MIMO Ant1 5825



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Report No.: ZEWM2306000892RG02
Page: 101 of 141

11n40MIMO Ant0 5795



11n40MIMO Ant1 5795

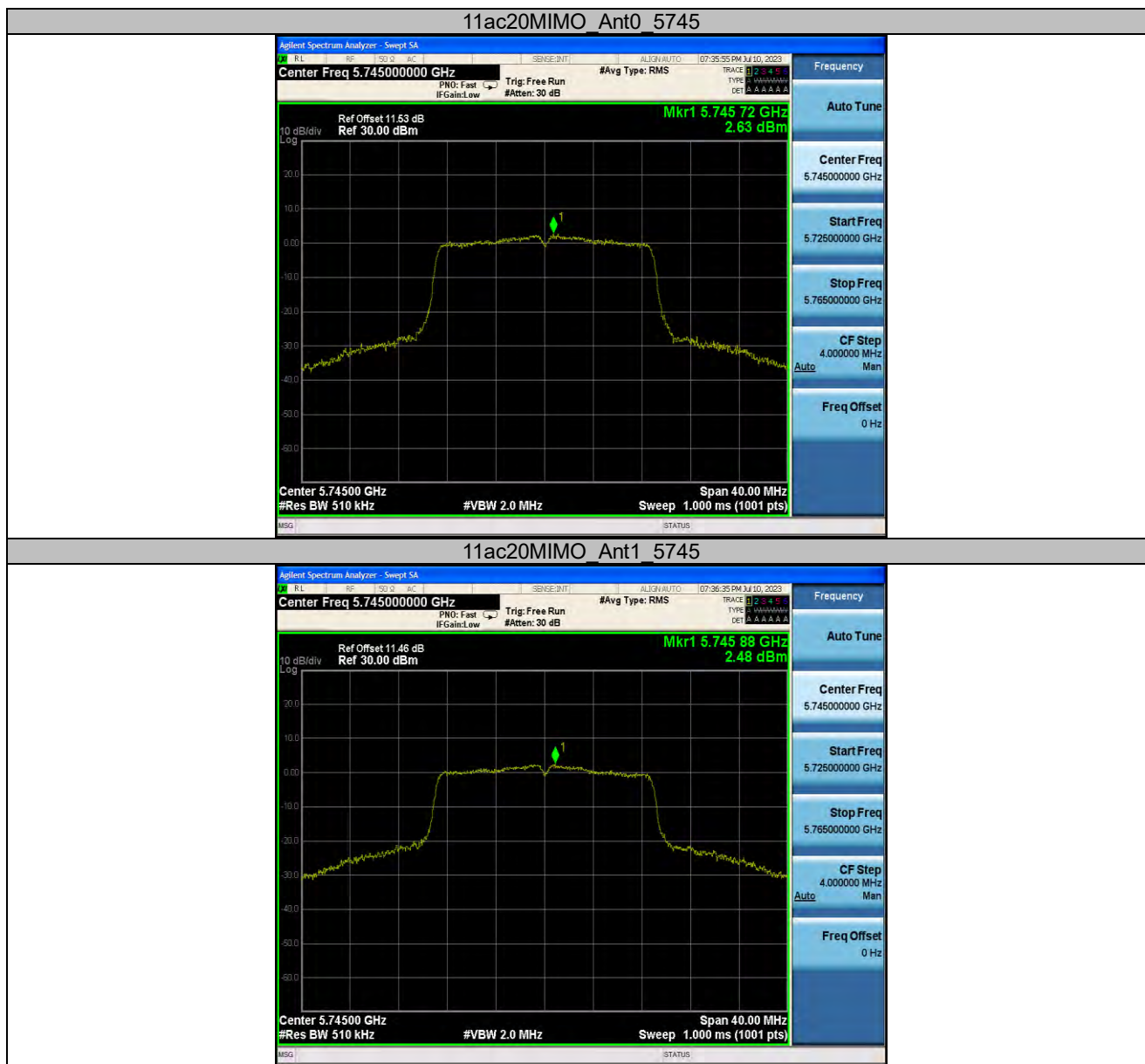


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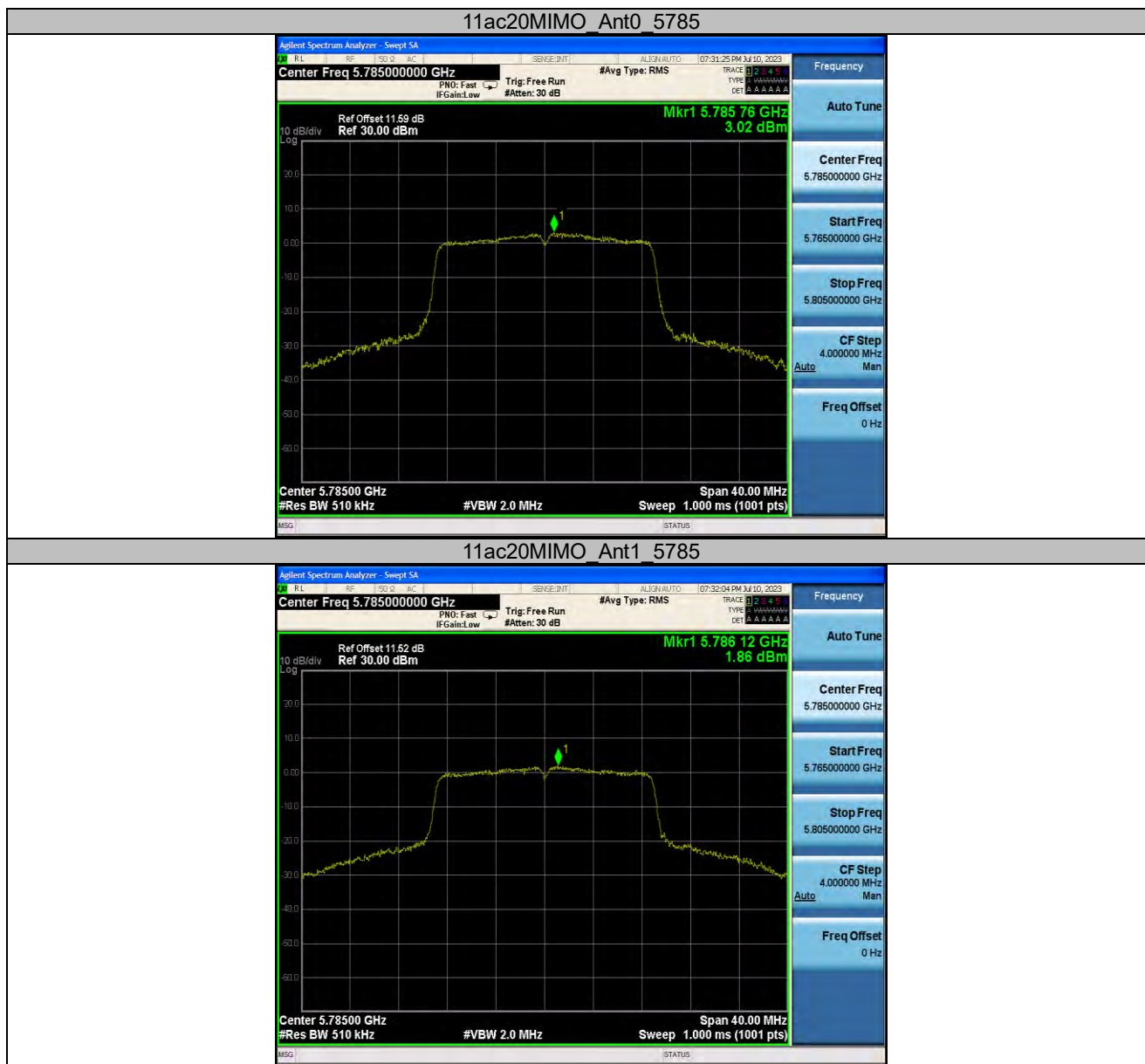
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Page: 103 of 141



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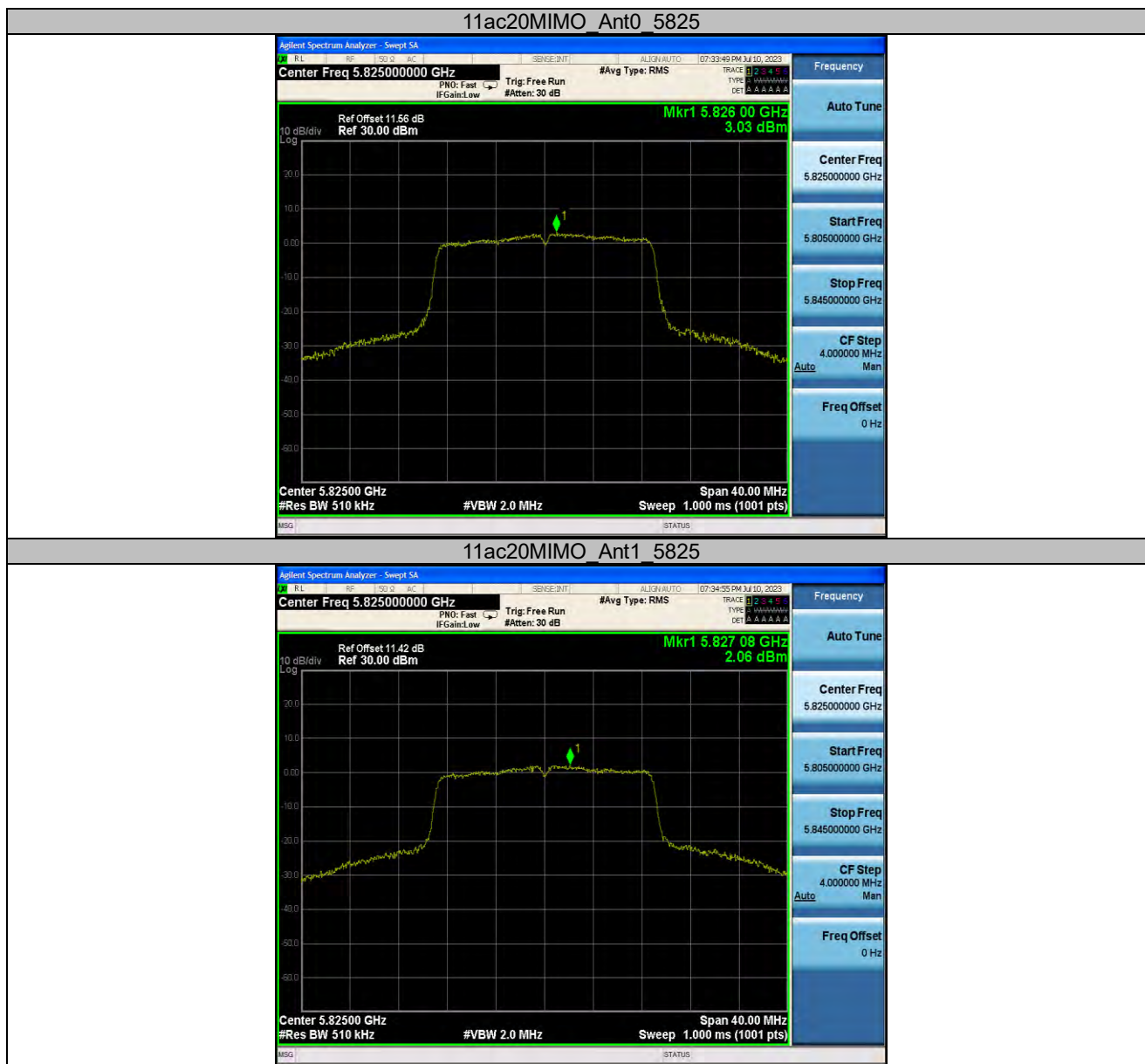
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Report No.: ZEWM2306000892RG02
Page: 104 of 141



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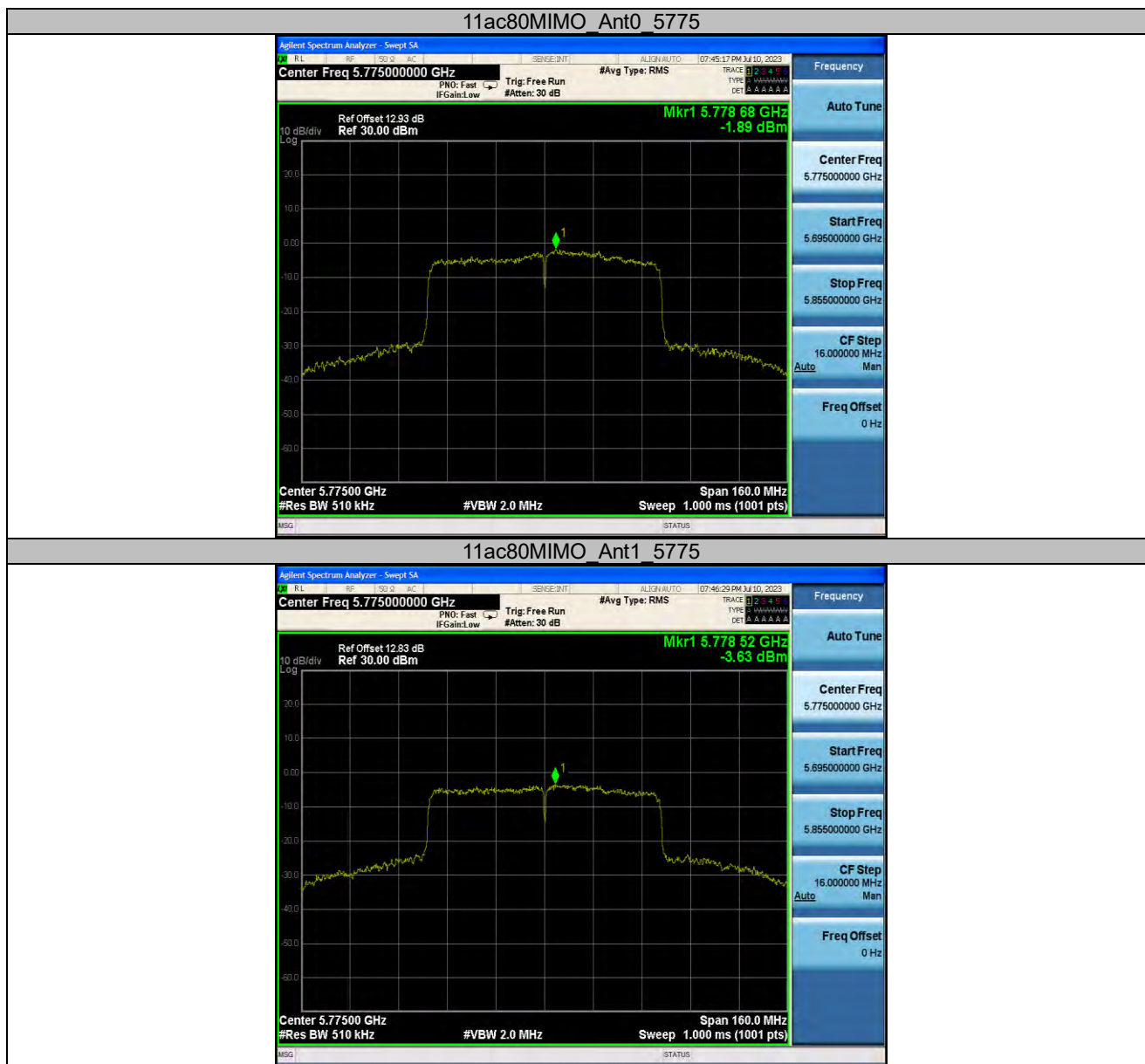
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Page: 107 of 141



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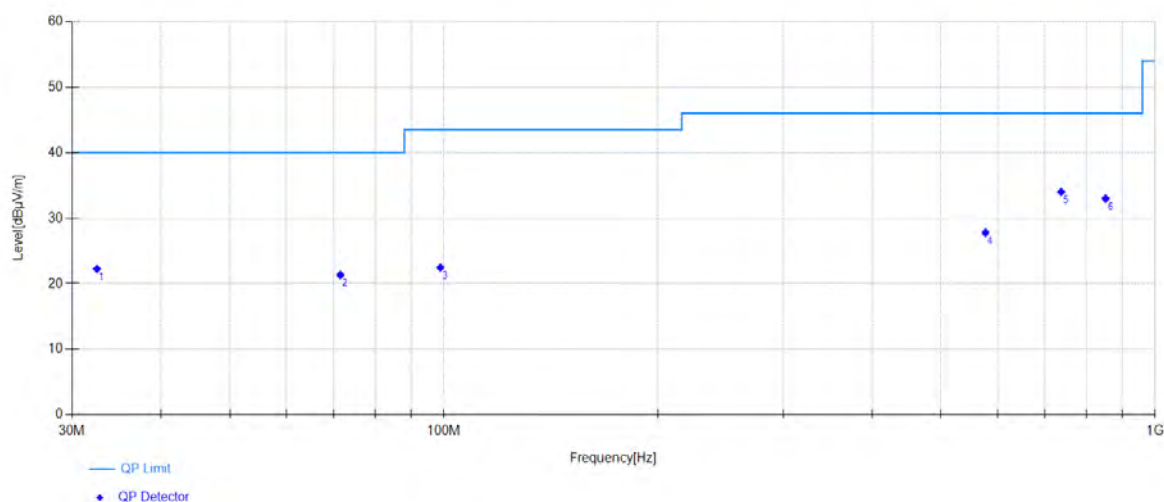
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Report No.: ZEWM2306000892RG02
Page: 108 of 141

Radiated Spurious Emissions

Radiated emission below 1GHz

Worst case Mode: 11a_Channel 165



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	32.5223	38.86	-25.35	8.75	22.26	40.00	17.74	184	170	Horizontal
2	71.5202	34.2	-24.49	11.64	21.35	40.00	18.65	235	170	Horizontal
3	98.8769	33.65	-24.56	13.38	22.47	43.50	21.03	272	347	Horizontal
4	577.5228	28.32	-21.47	20.95	27.80	46.00	18.20	118	283	Horizontal
5	737.7828	26.04	-20.78	28.73	33.99	46.00	12.01	143	260	Horizontal
6	852.0602	26.14	-20.85	27.68	32.97	46.00	13.03	209	347	Horizontal



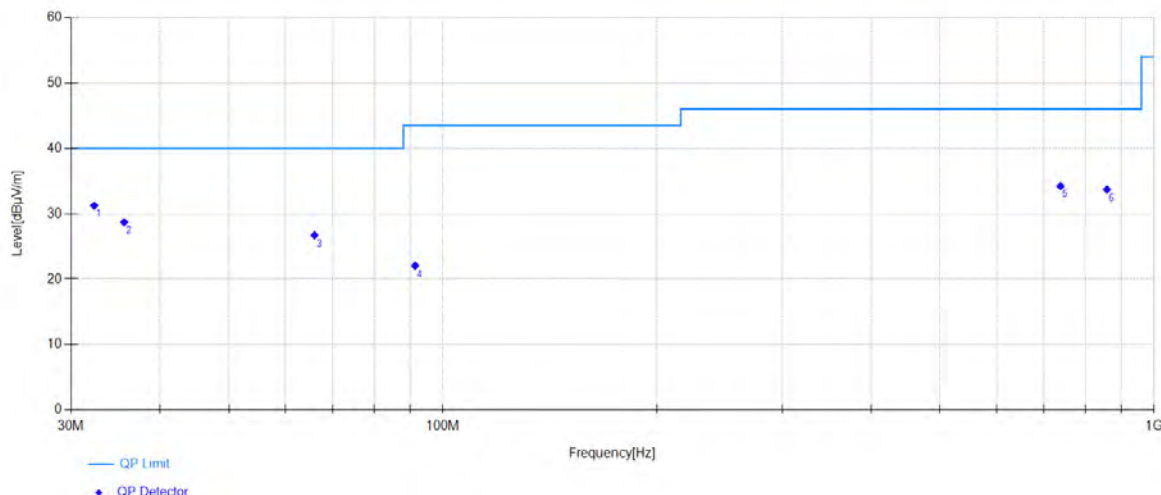
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Page: 109 of 141



Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	32.3282	47.79	-25.35	8.78	31.22	40.00	8.78	296	261	Vertical
2	35.6266	45.45	-25.31	8.56	28.70	40.00	11.30	183	261	Vertical
3	65.9906	39.75	-24.58	11.55	26.72	40.00	13.28	108	56	Vertical
4	91.4071	32.15	-24.47	14.37	22.05	43.50	21.45	165	56	Vertical
5	738.7529	26.29	-20.77	28.70	34.22	46.00	11.78	342	227	Vertical
6	858.3658	27.16	-20.74	27.28	33.70	46.00	12.30	223	350	Vertical

Remark:

- The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:
 Value = Reading(dBμV) + AF(dB/m) + Factor(dB):
 AF = Antenna Factor(dB/m)
 Factor = Cable Factor(dB) - Preamplifier gain(dB)
 Margin = Limit(dBμV/m) – Value(dBμV/m)
- All channels have been tested, but only the worst case data displayed in this report.



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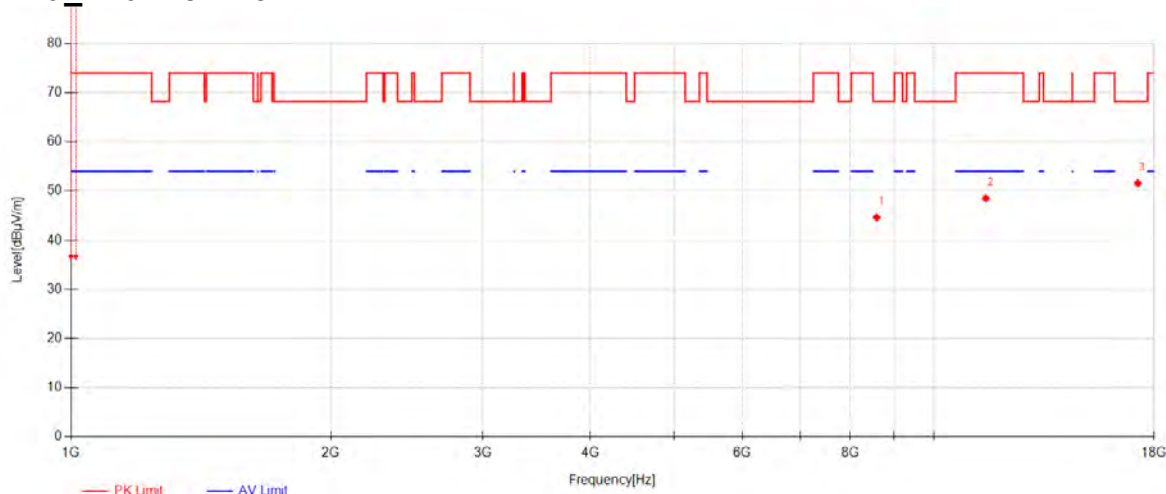


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Report No.: ZEWM2306000892RG02
Page: 110 of 141

Transmitter emission Above 1GHz

802.11a_Channel 149



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8584.375	51.41	36.14	-42.93	44.62	68.20	23.58	233	357	Horizontal
2	11490.0000	47.94	39.70	-39.13	48.51	74.00	25.49	375	154	Horizontal
3	17235.0000	45.10	42.85	-36.37	51.58	68.20	16.62	148	357	Horizontal



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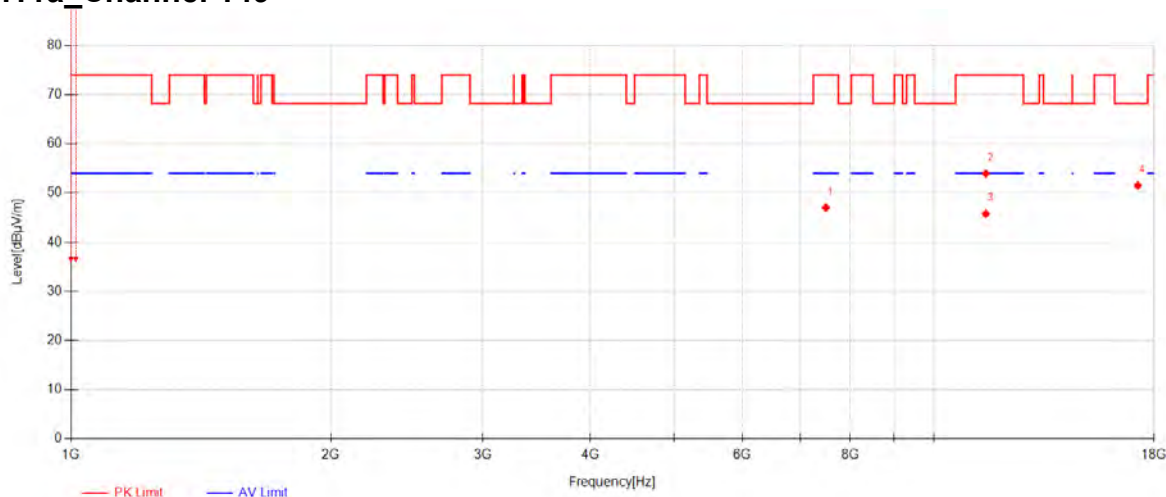
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Report No.: ZEWM2306000892RG02
Page: 111 of 141

802.11a Channel 149



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7496.475	55.78	36.40	-45.18	47.00	74.00	27.00	212	144	Vertical
2	11490.0000	53.37	39.70	-39.13	53.94	74.00	20.06	198	153	Vertical
3	11490.425	45.18	39.70	-39.13	45.75	54.00	8.25	198	153	Vertical
4	17235.0000	45.04	42.85	-36.37	51.52	68.20	16.68	123	210	Vertical



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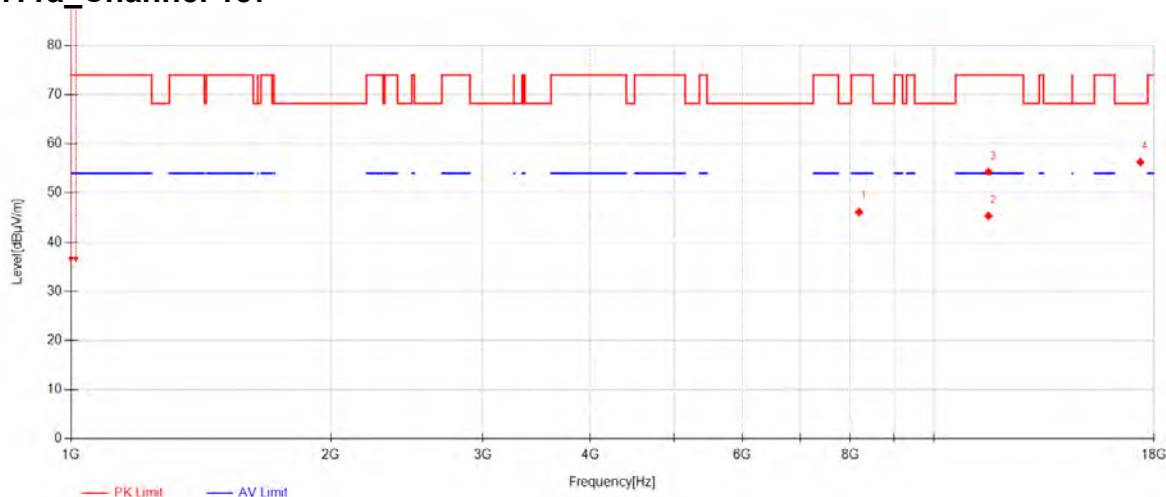
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Page: 112 of 141

802.11a Channel 157



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8190.5	53.39	36.18	-43.45	46.12	74.00	27.88	198	12	Horizontal
2	11567.475	43.68	39.71	-38.05	45.34	54.00	8.66	284	144	Horizontal
3	11570.0000	52.58	39.71	-38.00	54.29	74.00	19.71	284	144	Horizontal
4	17355.0000	49.25	43.48	-36.45	56.28	68.20	11.92	256	235	Horizontal



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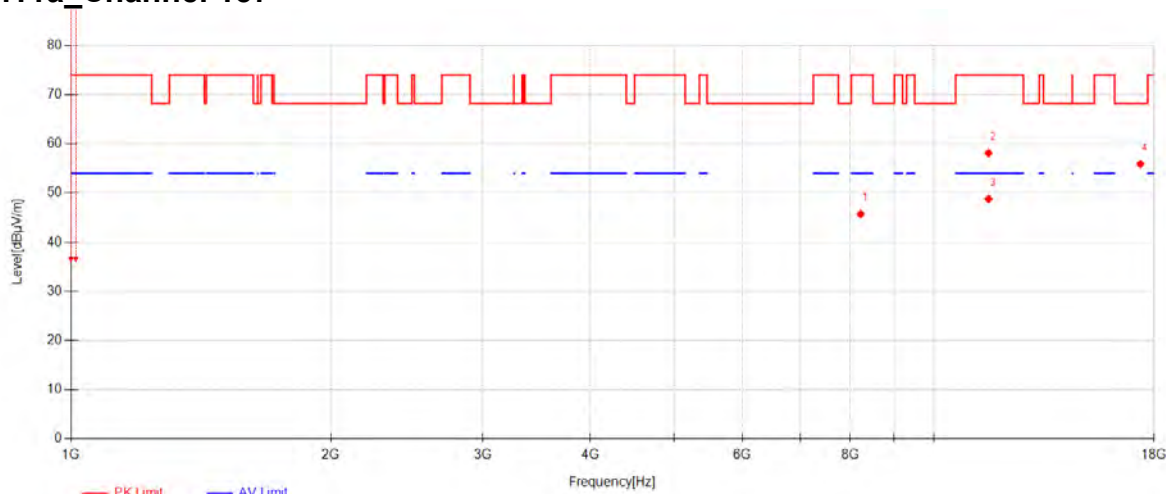
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Report No.: ZEWM2306000892RG02
Page: 113 of 141

802.11a Channel 157



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8224.425	53.02	36.18	-43.48	45.72	74.00	28.28	233	152	Vertical
2	11570.0000	56.40	39.71	-38.00	58.11	74.00	15.89	198	156	Vertical
3	11571.5	47.08	39.71	-37.98	48.81	54.00	5.19	198	156	Vertical
4	17355.0000	48.84	43.48	-36.45	55.87	68.20	12.33	375	144	Vertical



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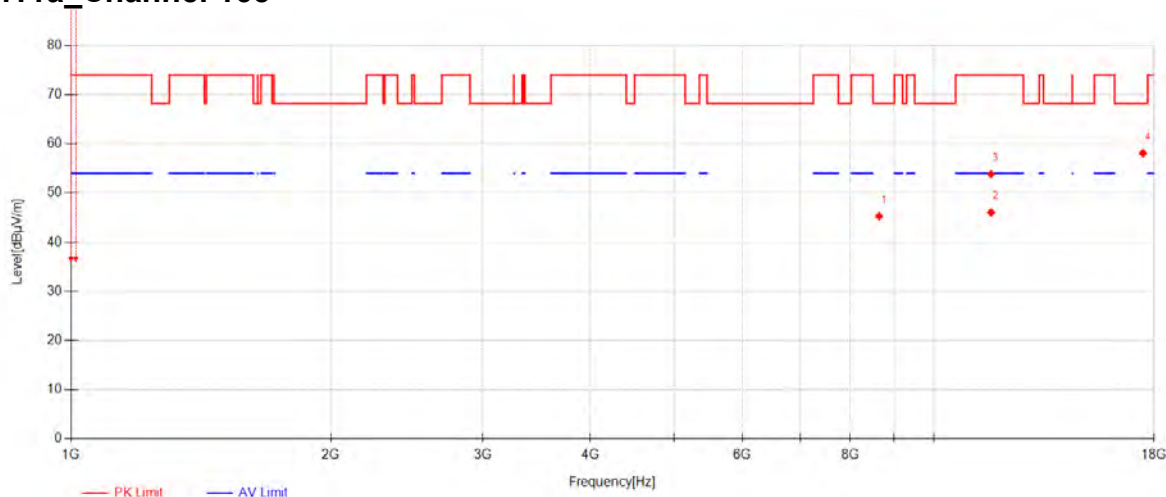
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Report No.: ZEWM2306000892RG02
Page: 114 of 141

802.11a Channel 165



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8640.725	52.08	36.14	-42.95	45.27	68.20	22.93	156	3	Horizontal
2	11649.7	44.44	39.73	-38.13	46.04	54.00	7.96	287	145	Horizontal
3	11650.0000	52.23	39.73	-38.13	53.83	74.00	20.17	287	145	Horizontal
4	17475.0000	50.06	44.12	-36.09	58.09	68.20	10.11	128	240	Horizontal



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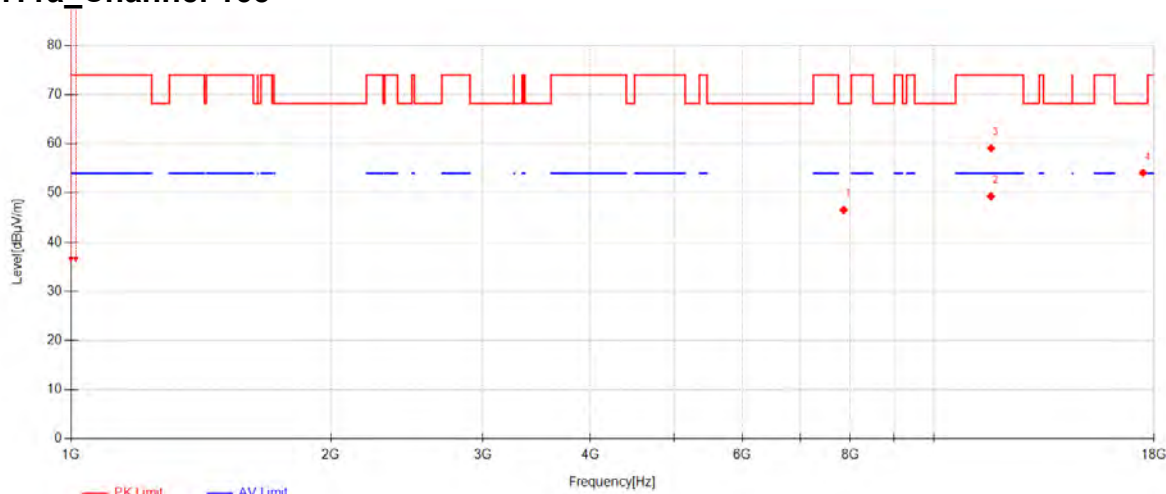
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Report No.: ZEWM2306000892RG02
Page: 115 of 141

802.11a Channel 165



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7862.175	54.33	36.26	-44.05	46.54	68.20	21.66	188	64	Vertical
2	11647.975	47.68	39.73	-38.10	49.31	54.00	4.69	246	144	Vertical
3	11650.0000	57.51	39.73	-38.13	59.11	74.00	14.89	246	144	Vertical
4	17475.0000	46.07	44.12	-36.09	54.10	68.20	14.10	143	142	Vertical



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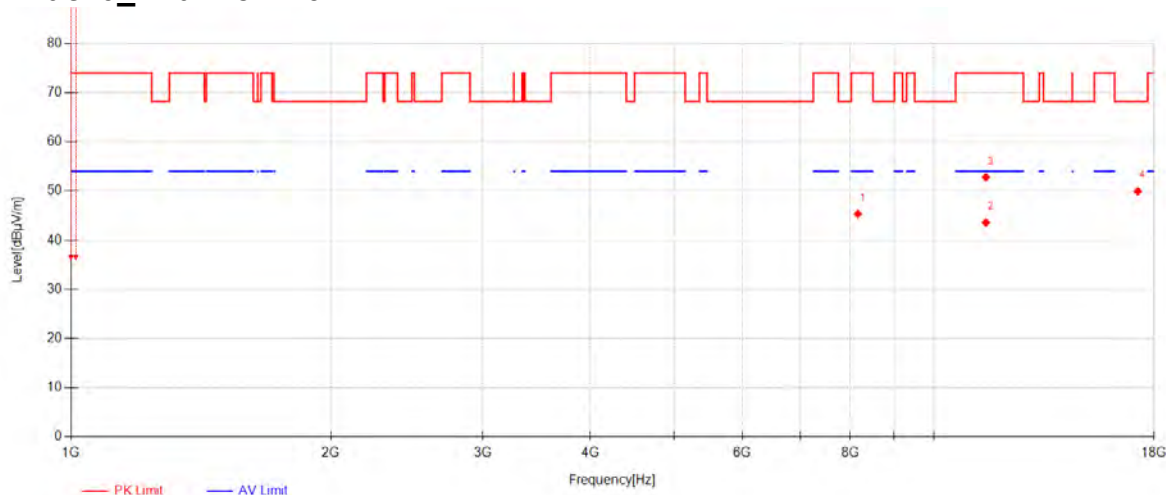
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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: ZEWM2306000892RG02
Page: 116 of 141

802.11ac20_Channel 149



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8165.2	52.71	36.18	-43.56	45.33	74.00	28.67	233	102	Horizontal
2	11489.85	43.01	39.70	-39.13	43.58	54.00	10.42	175	146	Horizontal
3	11490.0000	52.21	39.70	-39.13	52.78	74.00	21.22	175	146	Horizontal
4	17235.0000	43.44	42.85	-36.37	49.92	68.20	18.28	209	347	Horizontal



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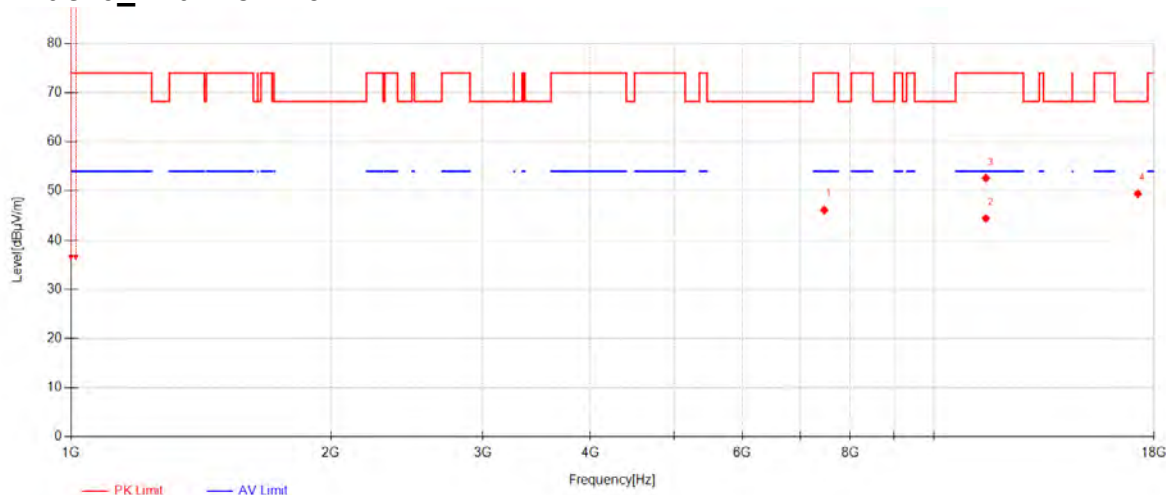
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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: ZEWM2306000892RG02
Page: 117 of 141

802.11ac20_Channel 149



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7464.85	54.72	36.36	-44.96	46.12	74.00	27.88	126	347	Vertical
2	11489.85	43.84	39.70	-39.13	44.41	54.00	9.59	244	157	Vertical
3	11490.0000	52.01	39.70	-39.13	52.58	74.00	21.42	244	157	Vertical
4	17235.0000	42.97	42.85	-36.37	49.45	68.20	18.75	108	151	Vertical



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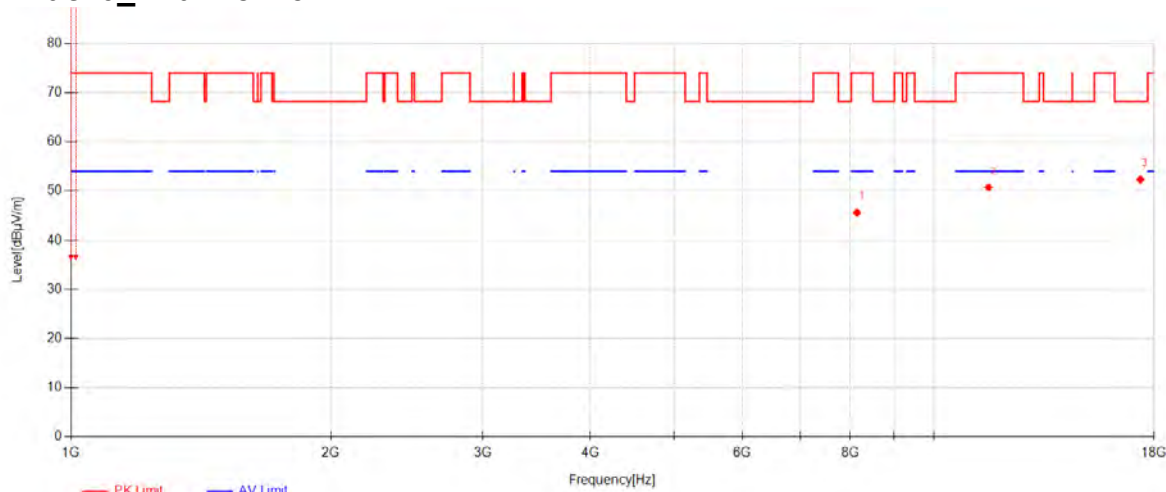
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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: ZEWM2306000892RG02
Page: 118 of 141

802.11ac20_Channel 157



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8145.65	53.06	36.19	-43.65	45.60	74.00	28.40	209	320	Horizontal
2	11570.0000	49.02	39.71	-38.00	50.73	74.00	23.27	148	156	Horizontal
3	17355.0000	45.29	43.48	-36.45	52.32	68.20	15.88	251	129	Horizontal



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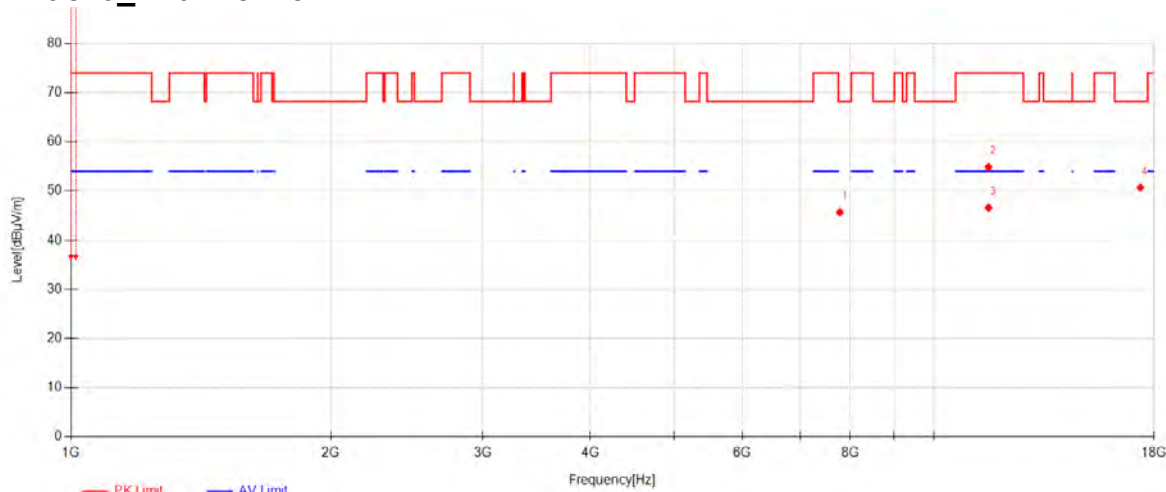
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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: ZEWM2306000892RG02
Page: 119 of 141

802.11ac20_Channel 157



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7782.25	53.52	36.29	-44.13	45.68	68.20	22.52	371	336	Vertical
2	11570.0000	53.15	39.71	-38.00	54.86	74.00	19.14	187	152	Vertical
3	11570.925	44.87	39.71	-37.99	46.59	54.00	7.41	187	152	Vertical
4	17355.0000	43.65	43.48	-36.45	50.68	68.20	17.52	112	145	Vertical



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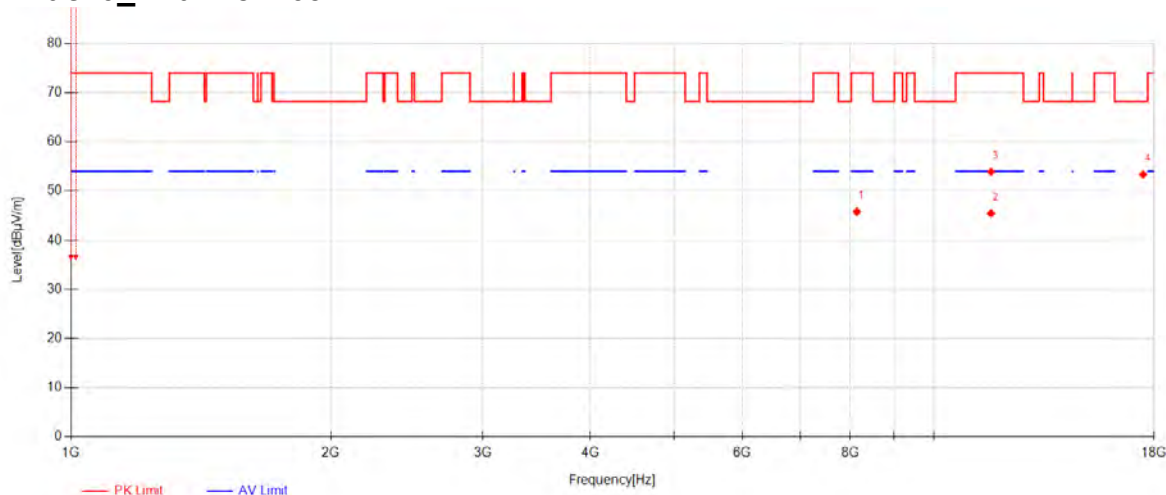
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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: ZEWM2306000892RG02
Page: 120 of 141

802.11ac20_Channel 165



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8143.35	53.25	36.19	-43.66	45.78	74.00	28.22	195	145	Horizontal
2	11649.7	43.86	39.73	-38.13	45.46	54.00	8.54	118	105	Horizontal
3	11650.0000	52.29	39.73	-38.13	53.89	74.00	20.11	118	105	Horizontal
4	17475.0000	45.33	44.12	-36.09	53.36	68.20	14.84	256	6	Horizontal



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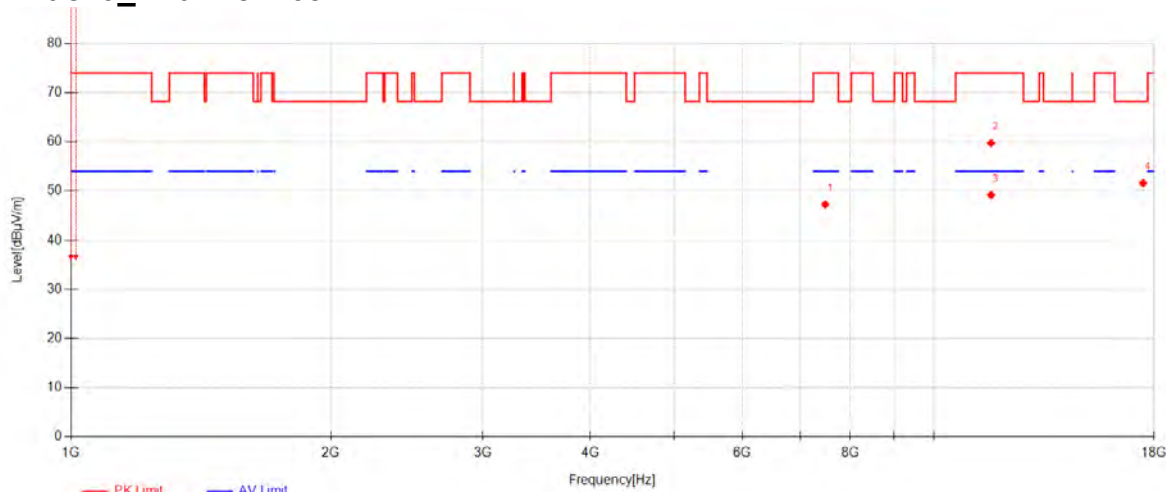
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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: ZEWM2306000892RG02
Page: 121 of 141

802.11ac20_Channel 165



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7483.25	55.94	36.38	-45.08	47.24	74.00	26.76	138	220	Vertical
2	11650.0000	58.14	39.73	-38.13	59.74	74.00	14.26	172	118	Vertical
3	11651.425	47.61	39.73	-38.15	49.19	54.00	4.81	172	118	Vertical
4	17475.0000	43.58	44.12	-36.09	51.61	68.20	16.59	356	159	Vertical



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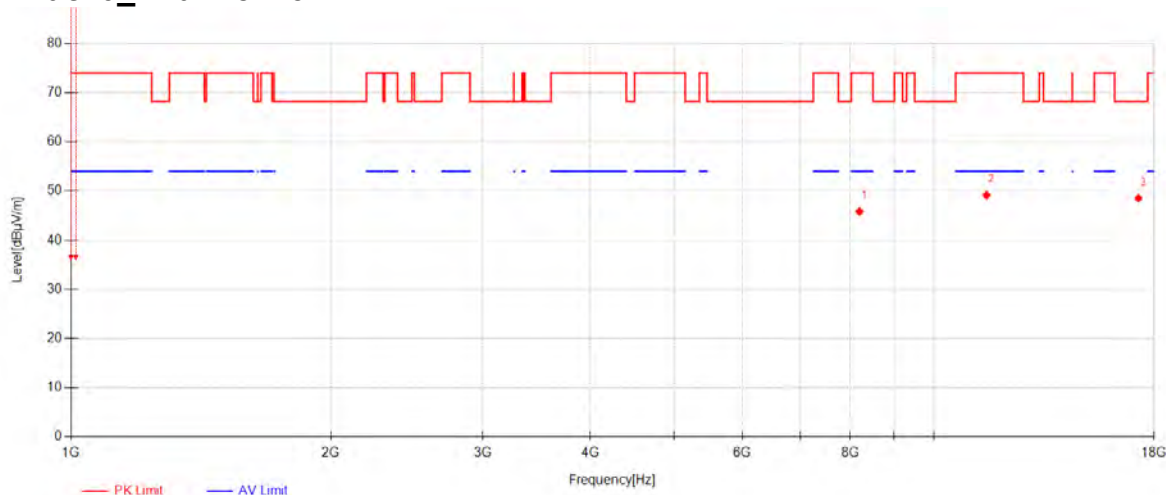
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Report No.: ZEWM2306000892RG02
Page: 122 of 141

802.11ac40_Channel 151



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8200.85	53.05	36.18	-43.41	45.82	74.00	28.18	145	320	Horizontal
2	11510.0000	48.44	39.70	-38.99	49.15	74.00	24.85	214	159	Horizontal
3	17265.0000	42.14	43.01	-36.61	48.54	68.20	19.66	321	320	Horizontal



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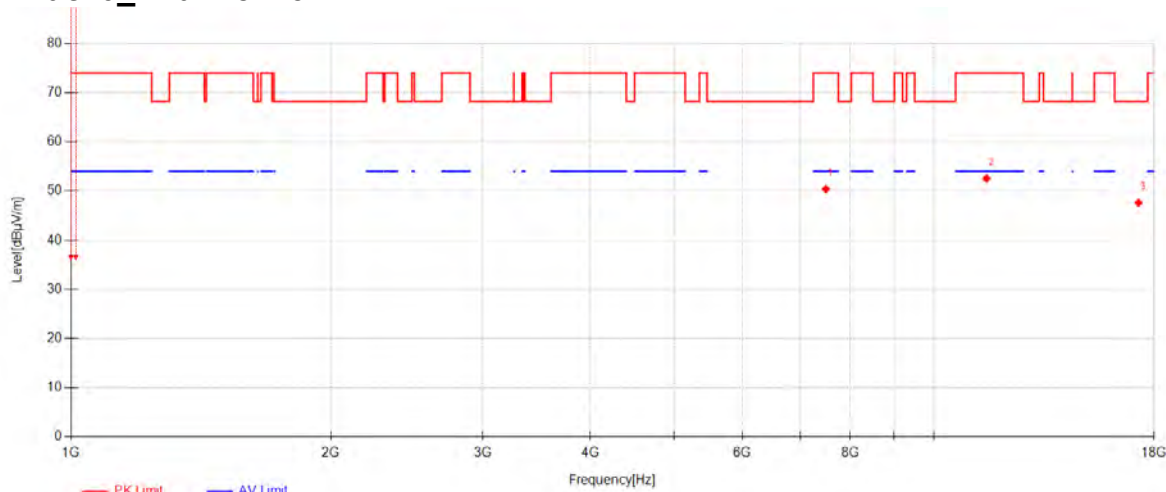
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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: ZEWM2306000892RG02
Page: 123 of 141

802.11ac40_Channel 151



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7497.05	59.17	36.40	-45.18	50.39	74.00	23.61	245	132	Vertical
2	11510.0000	51.80	39.70	-38.99	52.51	74.00	21.49	108	168	Vertical
3	17265.0000	41.21	43.01	-36.61	47.61	68.20	20.59	132	237	Vertical



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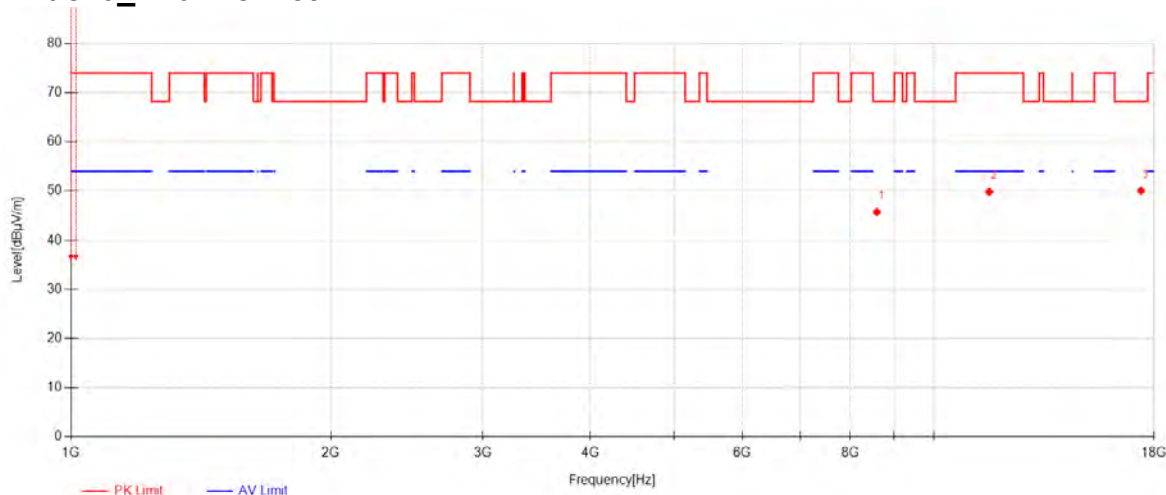
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Report No.: ZEWM2306000892RG02
Page: 124 of 141

802.11ac40_Channel 159



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8590.7	52.48	36.14	-42.89	45.73	68.20	22.47	227	147	Horizontal
2	11590.0000	47.76	39.72	-37.67	49.81	74.00	24.19	212	215	Horizontal
3	17385.0000	42.65	43.64	-36.22	50.07	68.20	18.13	193	184	Horizontal



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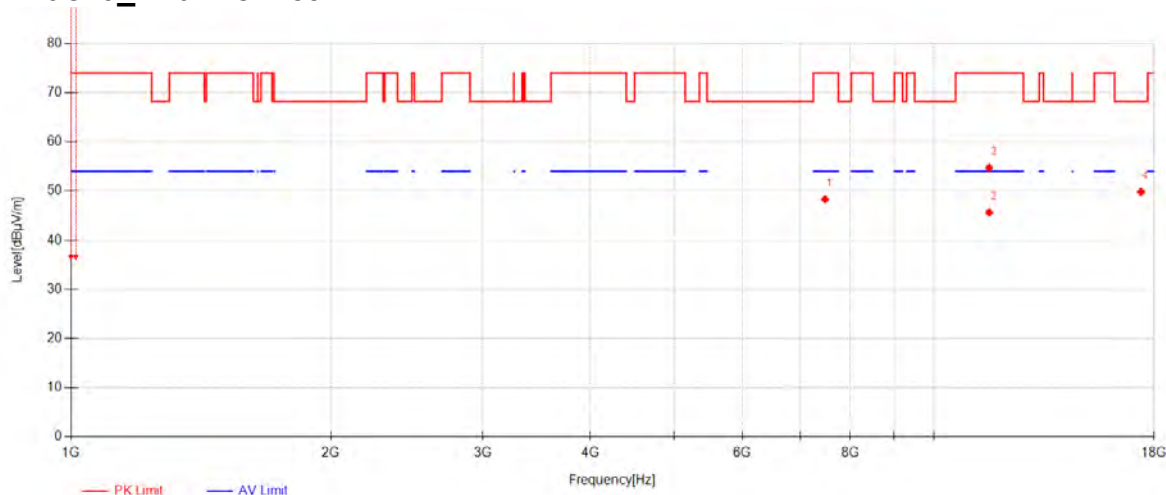
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Report No.: ZEWM2306000892RG02
Page: 125 of 141

802.11ac40_Channel 159



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7478.65	57.00	36.37	-45.05	48.32	74.00	25.68	232	250	Vertical
2	11589.9	43.60	39.72	-37.68	45.64	54.00	8.36	156	145	Vertical
3	11590.0000	52.68	39.72	-37.67	54.73	74.00	19.27	156	145	Vertical
4	17385.0000	42.39	43.64	-36.22	49.81	68.20	18.39	113	357	Vertical



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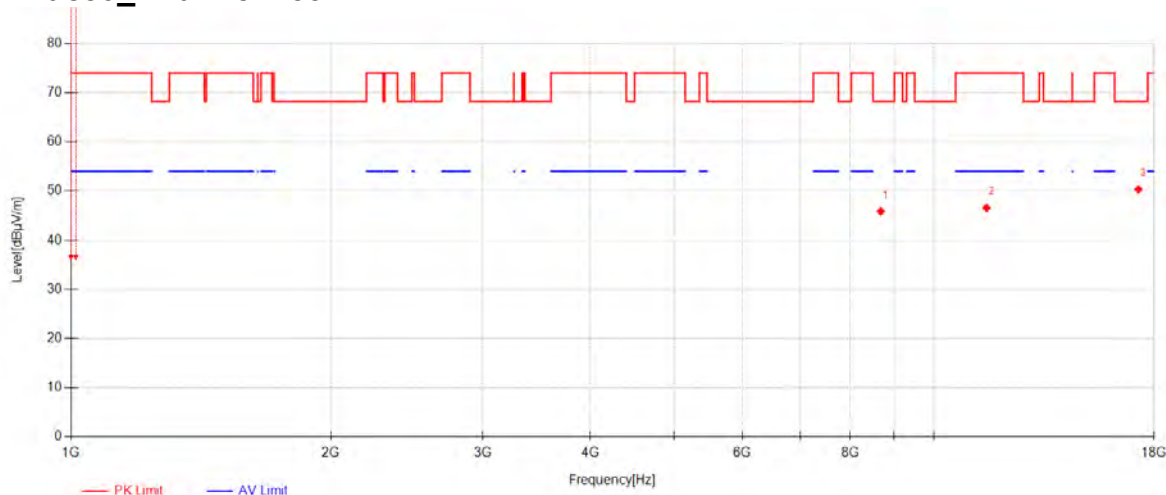
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Report No.: ZEWM2306000892RG02
Page: 126 of 141

802.11ac80_Channel 155



Final Data List

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1	8679.825	52.81	36.13	-43.08	45.86	68.20	22.34	309	86	Horizontal
2	11510.0000	45.86	39.70	-38.99	46.57	74.00	27.43	138	0	Horizontal
3	17265.0000	43.93	43.01	-36.61	50.33	68.20	17.87	183	114	Horizontal



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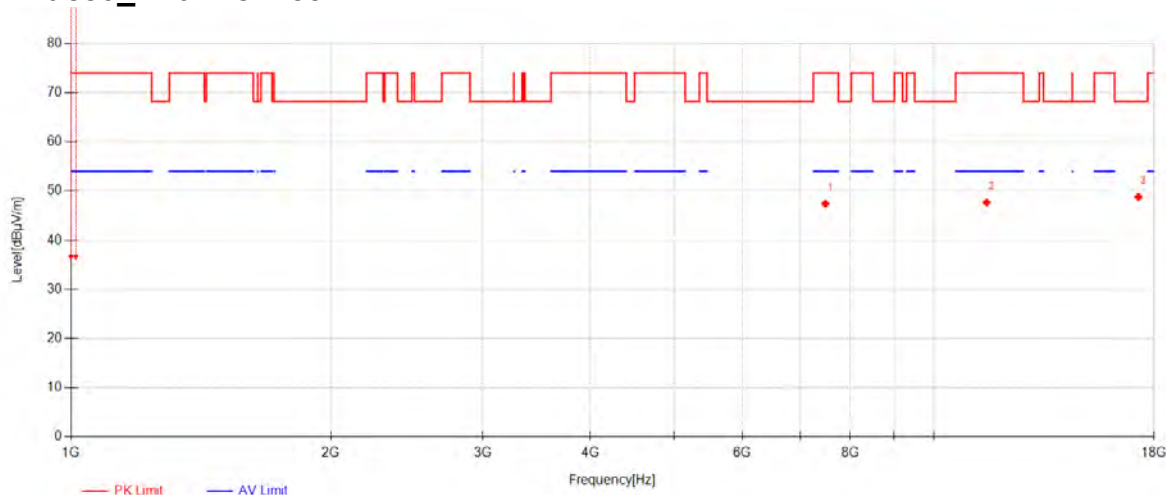
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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: ZEWM2306000892RG02
Page: 127 of 141

802.11ac80_Channel 155



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7486.7	56.14	36.38	-45.11	47.41	74.00	26.59	312	55	Vertical
2	11510.0000	46.97	39.70	-38.99	47.68	74.00	26.32	201	150	Vertical
3	17265.0000	42.38	43.01	-36.61	48.78	68.20	19.42	145	335	Vertical

Remark:

- 1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:

Level = Reading(dBμV) + AF(dB/m) + Factor(dB):

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier gain(dB)

Margin = Limit(dBμV/m) – Level(dBμV/m)

- 2) All channels have been tested, but only the worst case data displayed in this report.
3) Both peak and average measured complies with the limit line, so test result is "PASS".
4) For 802.11n HT20/ac VHT20,802.11n HT40/ac VHT40 mode, the whole testing have assessed only 802.11n ac VHT20/ VHT40 by referring to their higher output power.



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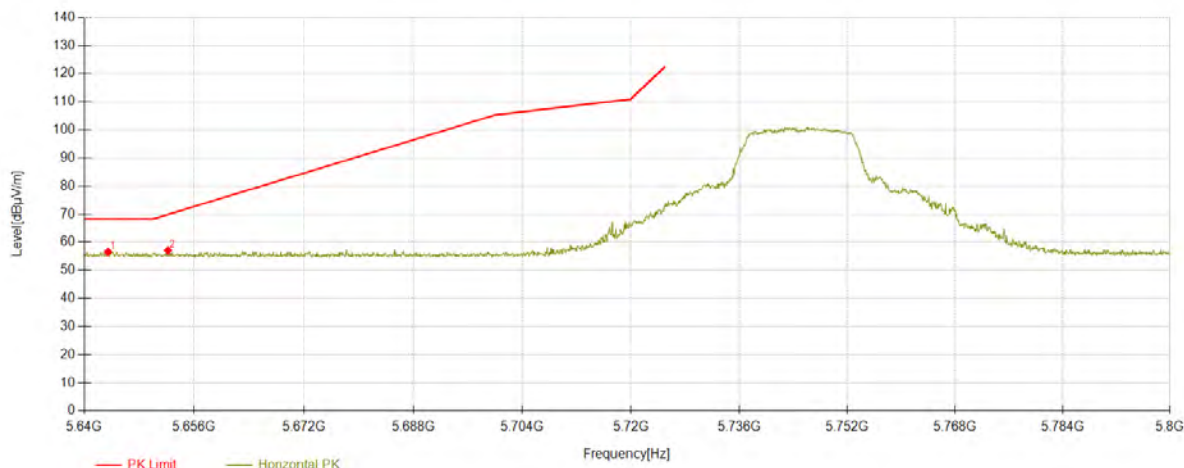


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Report No.: ZEWM2306000892RG02
Page: 128 of 141

Restricted bands around fundamental frequency

802.11a_Channel 149



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5643.4417	45.15	32.54	-21.11	56.58	68.30	11.72	121	35	Horizontal
2	5652.1661	45.69	32.54	-21.12	57.11	69.90	12.79	121	35	Horizontal



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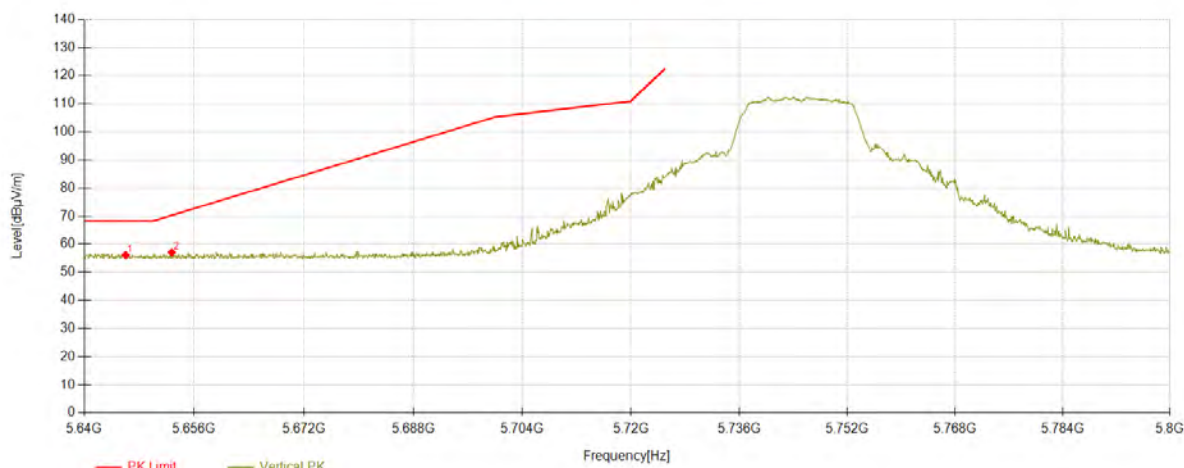
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Report No.: ZEWM2306000892RG02
Page: 129 of 141

802.11a_Channel 149



Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5646.003	44.69	32.54	-21.11	56.12	68.30	12.18	118	357	Vertical
2	5652.7264	45.69	32.54	-21.12	57.11	70.32	13.21	118	357	Vertical



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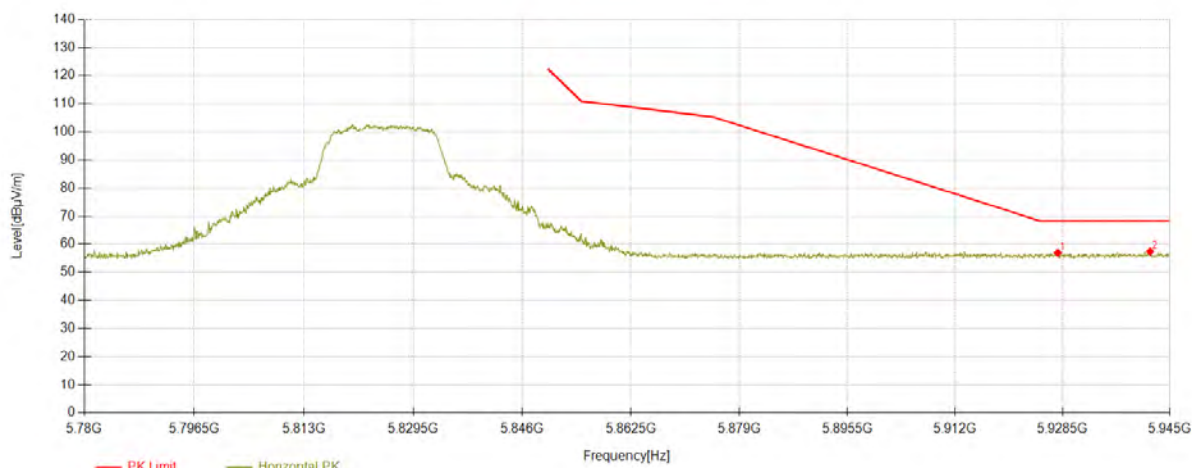
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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: ZEWM2306000892RG02
Page: 130 of 141

802.11a_Channel 165



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5927.7489	44.98	32.43	-20.45	56.96	68.30	11.34	127	37	Horizontal
2	5941.946	45.45	32.42	-20.46	57.41	68.30	10.89	127	37	Horizontal



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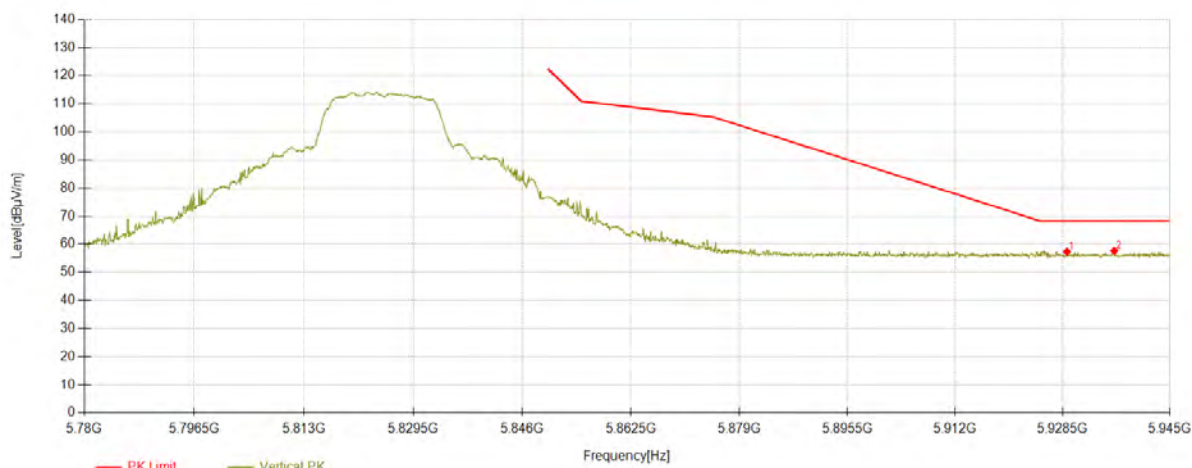
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Report No.: ZEWM2306000892RG02
Page: 131 of 141

802.11a_Channel 165



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5929.1521	45.40	32.43	-20.45	57.38	68.30	10.92	113	338	Vertical
2	5936.4157	45.66	32.43	-20.45	57.64	68.30	10.66	113	338	Vertical



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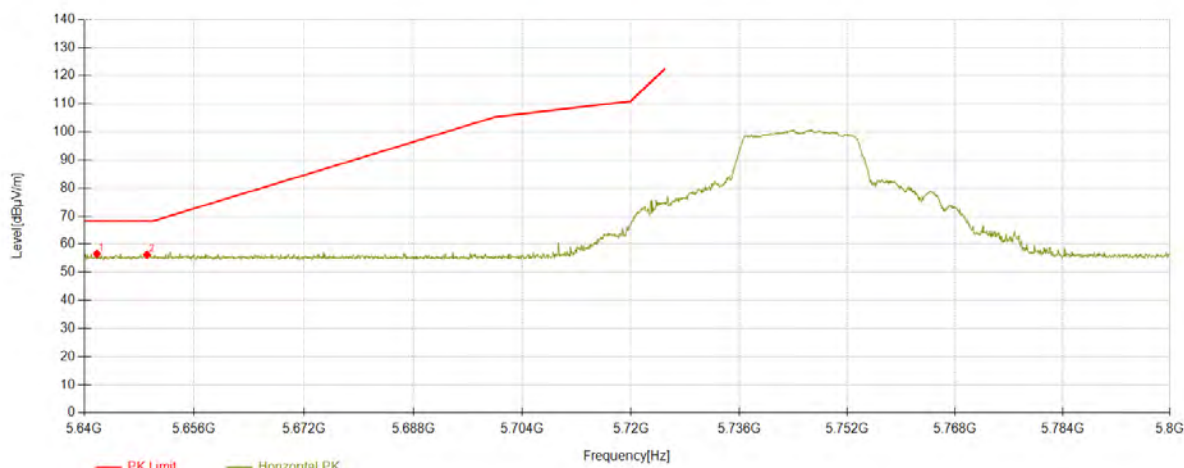
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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: ZEWM2306000892RG02
Page: 132 of 141

802.11ac20_Channel 149



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5641.8409	45.17	32.54	-21.10	56.61	68.30	11.69	156	287	Horizontal
2	5649.1246	44.83	32.54	-21.11	56.26	68.30	12.04	156	287	Horizontal



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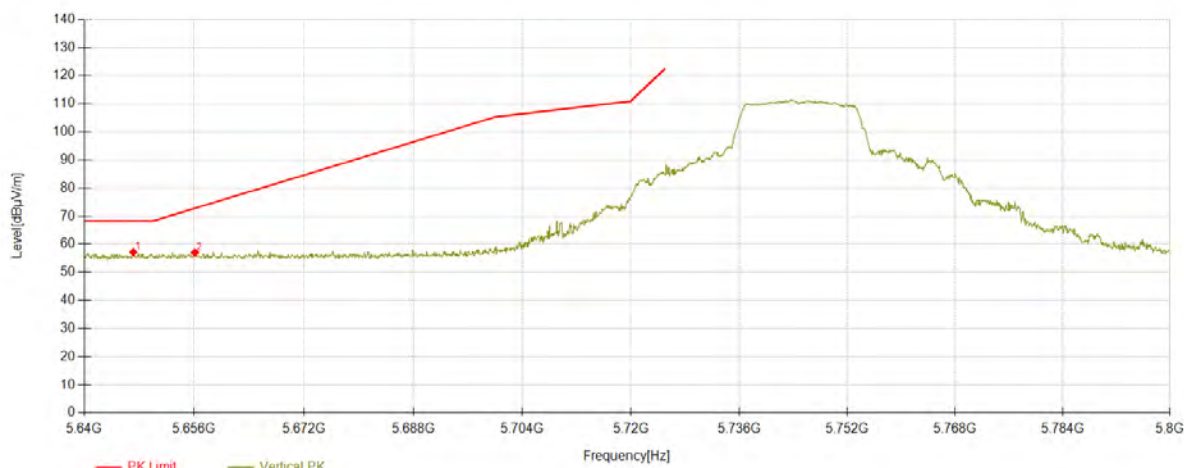
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Report No.: ZEWM2306000892RG02
Page: 133 of 141

802.11ac20_Channel 149



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5647.1236	45.76	32.54	-21.11	57.19	68.30	11.11	139	358	Vertical
2	5656.088	45.63	32.54	-21.12	57.05	72.81	15.76	139	358	Vertical



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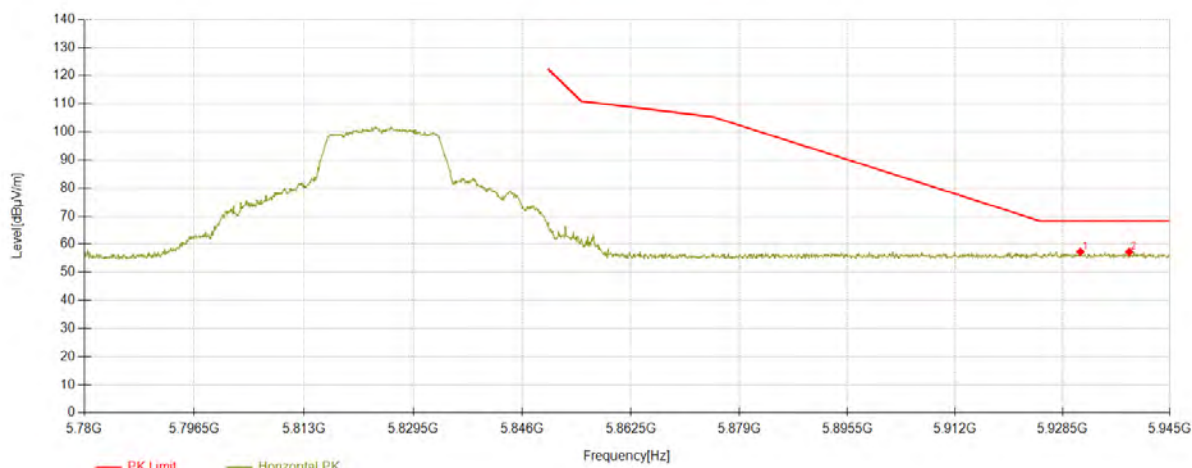
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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: ZEWM2306000892RG02
Page: 134 of 141

802.11ac20_Channel 165



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5931.2156	45.32	32.43	-20.45	57.30	68.30	11.00	105	41	Horizontal
2	5938.7269	45.32	32.42	-20.46	57.28	68.30	11.02	105	41	Horizontal



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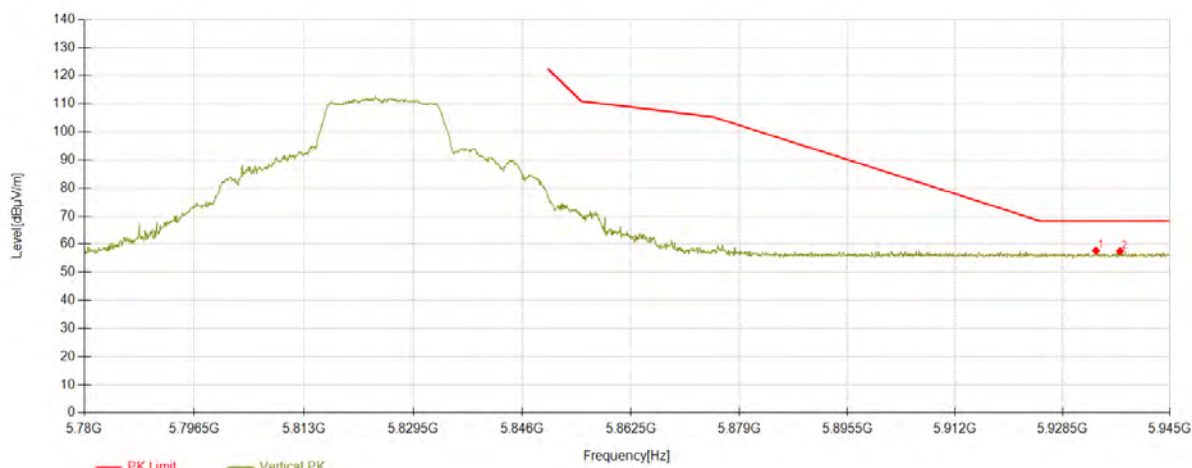
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Report No.: ZEWM2306000892RG02
Page: 135 of 141

802.11ac20_Channel 165



Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5933.6093	45.75	32.43	-20.45	57.73	68.30	10.57	112	313	Vertical
2	5937.3237	45.55	32.43	-20.45	57.53	68.30	10.77	112	313	Vertical



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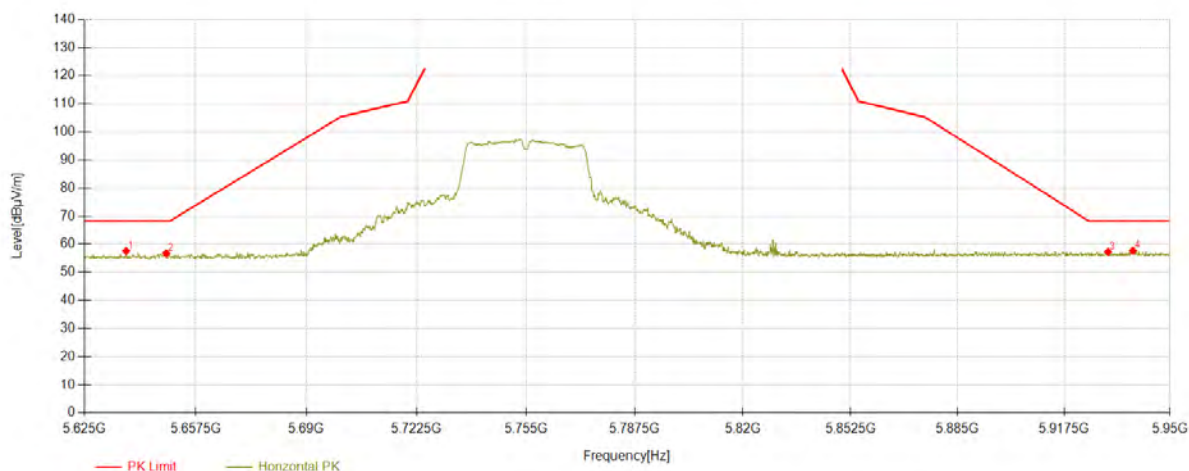
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Report No.: ZEWM2306000892RG02
Page: 136 of 141

802.11ac40_Channel 151



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5637.1936	46.16	32.55	-21.10	57.61	68.30	10.69	165	71	Horizontal
2	5648.8994	45.31	32.54	-21.11	56.74	68.30	11.56	165	71	Horizontal
3	5930.978	45.33	32.43	-20.45	57.31	68.30	10.99	165	71	Horizontal
4	5938.6193	45.74	32.42	-20.46	57.70	68.30	10.60	165	71	Horizontal



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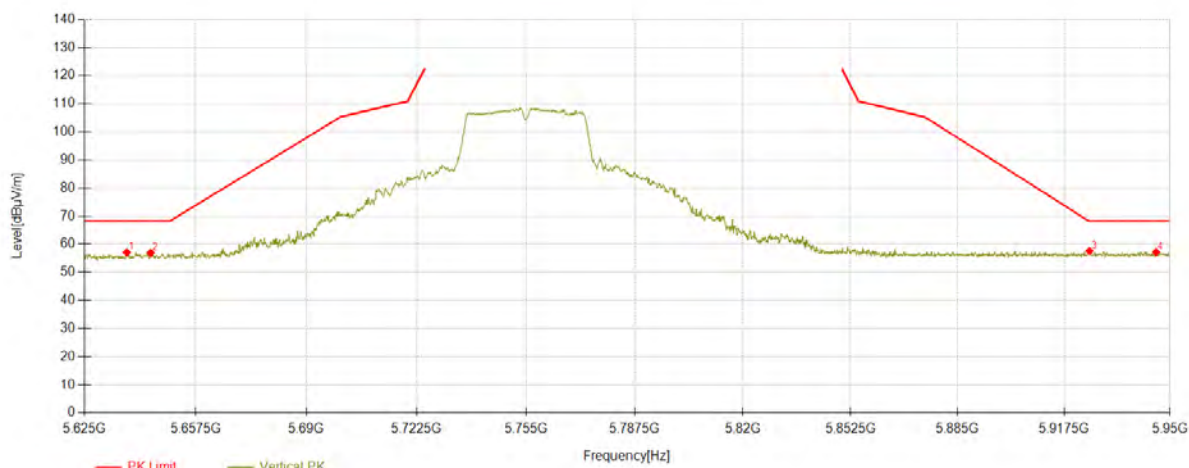
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Page: 137 of 141

802.11ac40_Channel 151



Final Data List

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1	5637.3562	45.67	32.55	-21.10	57.12	68.30	11.18	237	349	Vertical
2	5644.3472	45.51	32.54	-21.11	56.94	68.30	11.36	237	349	Vertical
3	5925.2876	45.63	32.43	-20.45	57.61	68.30	10.69	237	349	Vertical
4	5945.7729	45.25	32.42	-20.46	57.21	68.30	11.09	237	349	Vertical



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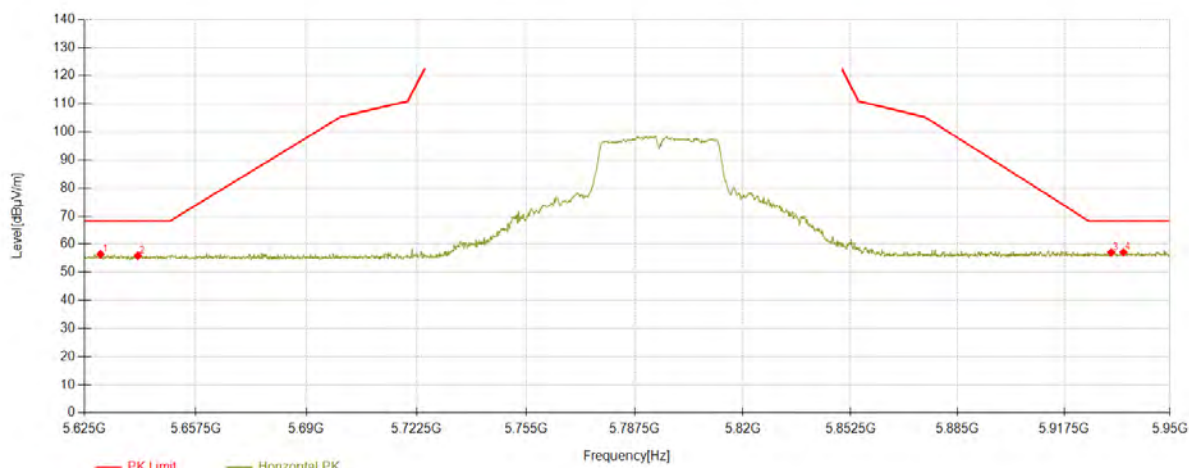
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Report No.: ZEWM2306000892RG02
Page: 138 of 141

802.11ac40_Channel 159



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5629.7149	45.01	32.55	-21.09	56.47	68.30	11.83	108	38	Horizontal
2	5640.6078	44.46	32.54	-21.10	55.90	68.30	12.40	108	38	Horizontal
3	5931.9535	45.11	32.43	-20.45	57.09	68.30	11.21	108	38	Horizontal
4	5935.6928	45.16	32.43	-20.45	57.14	68.30	11.16	108	38	Horizontal



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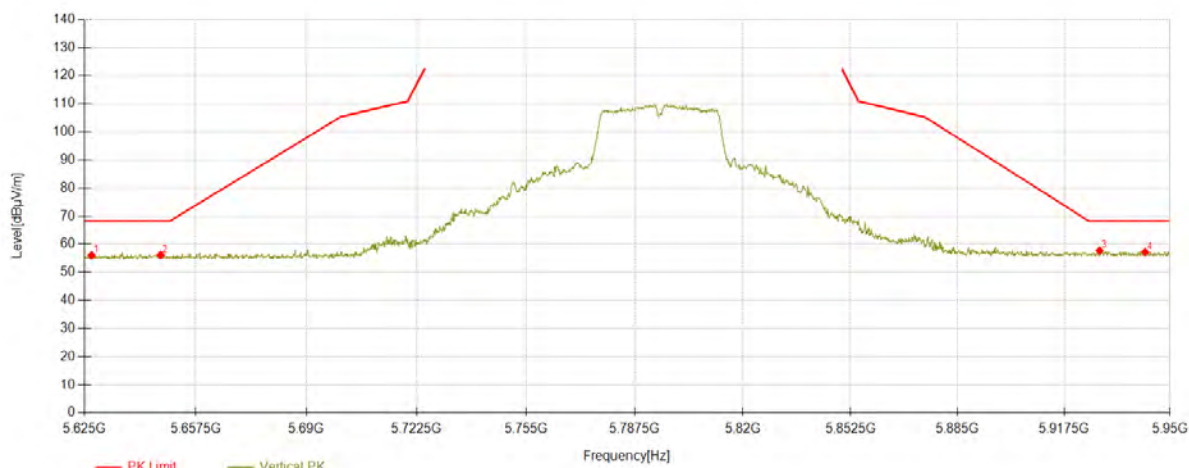
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Report No.: ZEWM2306000892RG02
Page: 139 of 141

802.11ac40_Channel 159



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5627.1136	44.58	32.55	-21.09	56.04	68.30	12.26	119	346	Vertical
2	5647.2736	44.74	32.54	-21.11	56.17	68.30	12.13	119	346	Vertical
3	5928.3767	45.81	32.43	-20.45	57.79	68.30	10.51	119	346	Vertical
4	5942.3587	45.29	32.42	-20.46	57.25	68.30	11.05	119	346	Vertical



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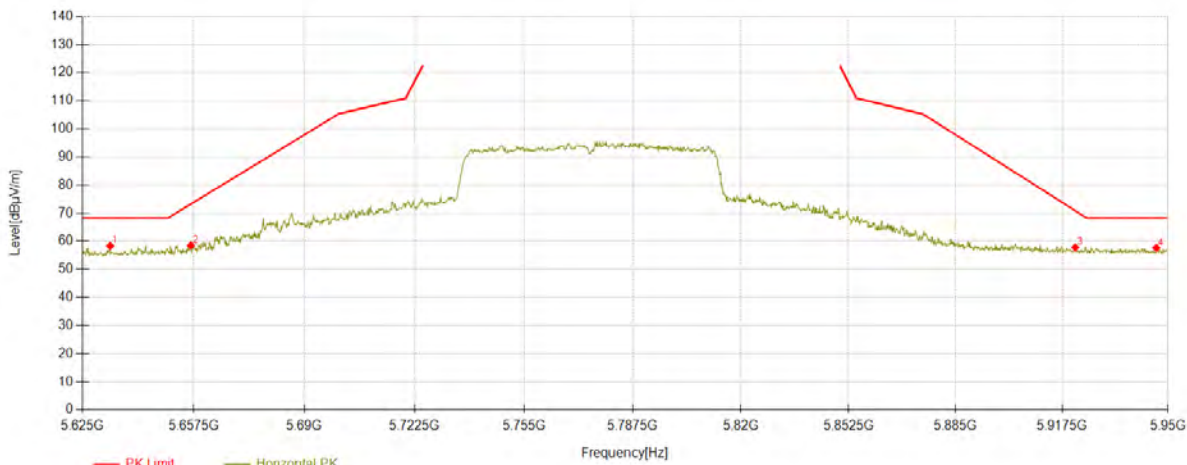
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Report No.: ZEWM2306000892RG02
Page: 140 of 141

802.11ac80_Channel 155



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5633.1291	46.89	32.55	-21.09	58.35	68.30	9.95	111	26	Horizontal
2	5656.7034	47.10	32.54	-21.12	58.52	73.26	14.74	111	26	Horizontal
3	5921.5483	45.83	32.43	-20.45	57.81	70.85	13.04	111	26	Horizontal
4	5946.4232	45.68	32.42	-20.46	57.64	68.30	10.66	111	26	Horizontal



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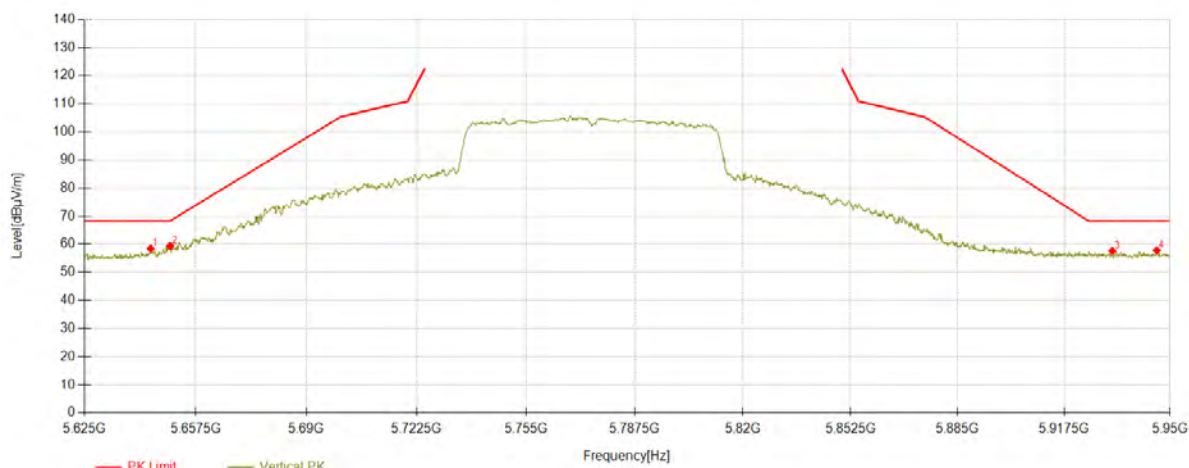
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Page: 141 of 141

802.11ac80_Channel 155



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5644.3472	47.04	32.54	-21.11	58.47	68.30	9.83	256	348	Vertical
2	5650.0375	47.99	32.54	-21.12	59.41	68.33	8.92	256	348	Vertical
3	5932.2786	45.67	32.43	-20.45	57.65	68.30	10.65	256	348	Vertical
4	5945.9355	45.90	32.42	-20.46	57.86	68.30	10.44	256	348	Vertical

Remark:

- 1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:

Level = Reading(dBμV) + AF(dB/m) + Factor(dB):

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier gain(dB)

Margin = Limit(dBμV/m) – Level(dBμV/m)

- 2) Both peak and average measured complies with the limit line, so test result is "PASS".
3) For 802.11n HT20/ac VHT20, 802.11n HT40/ac VHT40 mode, the whole testing have assessed only 802.11n ac VHT20/ VHT40 by referring to their higher output power.

---End of Report---



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