

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	ERP Limit [dBm]	Margin [dB]
100 MHz	$\pi/2$ BPSK	3500.01	H	131	354	9.71	1 / 204	18.96	<b>28.67</b>	0.736	30.00	-1.33
	QPSK	3500.01	H	131	354	9.71	1 / 204	18.90	28.61	0.726	30.00	-1.39
	16-QAM	3500.01	H	131	354	9.71	1 / 204	17.88	27.59	0.574	30.00	-2.41
90 MHz	$\pi/2$ BPSK	3495.00	H	131	354	9.71	1 / 183	18.94	28.66	0.734	30.00	-1.34
	$\pi/2$ BPSK	3500.01	H	131	354	9.71	1 / 183	18.97	28.68	0.738	30.00	-1.32
	$\pi/2$ BPSK	3504.99	H	131	354	9.71	1 / 183	18.96	28.67	0.735	30.00	-1.33
	QPSK	3495.00	H	131	354	9.71	1 / 183	18.95	28.66	0.735	30.00	-1.34
	QPSK	3500.01	H	131	354	9.71	1 / 183	18.97	<b>28.68</b>	0.739	30.00	-1.32
	QPSK	3504.99	H	131	354	9.71	1 / 183	18.86	28.57	0.720	30.00	-1.43
	16-QAM	3504.99	H	131	354	9.71	1 / 183	18.13	27.84	0.608	30.00	-2.16
80 MHz	$\pi/2$ BPSK	3490.02	H	131	354	9.72	1 / 162	18.96	<b>28.68</b>	0.738	30.00	-1.32
	$\pi/2$ BPSK	3500.01	H	131	354	9.71	1 / 162	18.95	28.66	0.735	30.00	-1.34
	$\pi/2$ BPSK	3510.00	H	131	354	9.71	1 / 162	18.97	28.68	0.738	30.00	-1.32
	QPSK	3490.02	H	131	354	9.72	1 / 162	18.75	28.47	0.703	30.00	-1.53
	QPSK	3500.01	H	131	354	9.71	1 / 162	18.88	28.59	0.724	30.00	-1.41
	QPSK	3510.00	H	131	354	9.71	1 / 162	18.91	28.62	0.728	30.00	-1.38
	16-QAM	3500.01	H	131	354	9.71	1 / 162	18.10	27.81	0.604	30.00	-2.19
70 MHz	$\pi/2$ BPSK	3485.01	H	131	354	9.72	1 / 141	18.94	28.66	0.735	30.00	-1.34
	$\pi/2$ BPSK	3500.01	H	131	354	9.71	1 / 141	18.96	28.67	0.736	30.00	-1.33
	$\pi/2$ BPSK	3514.98	H	131	354	9.71	1 / 141	18.98	<b>28.69</b>	0.739	30.00	-1.31
	QPSK	3485.01	H	131	354	9.72	1 / 141	18.95	28.67	0.736	30.00	-1.33
	QPSK	3500.01	H	131	354	9.71	1 / 141	18.85	28.56	0.718	30.00	-1.44
	QPSK	3514.98	H	131	354	9.71	1 / 141	18.88	28.59	0.722	30.00	-1.41
	16-QAM	3500.01	H	131	354	9.71	1 / 141	18.35	28.06	0.639	30.00	-1.94
60 MHz	$\pi/2$ BPSK	3480.00	H	131	354	9.72	1 / 81	19.17	28.90	0.775	30.00	-1.10
	$\pi/2$ BPSK	3500.01	H	131	354	9.71	1 / 121	19.18	28.89	0.775	30.00	-1.11
	$\pi/2$ BPSK	3519.99	H	131	354	9.70	1 / 81	19.19	<b>28.90</b>	0.776	30.00	-1.10
	QPSK	3480.00	H	131	354	9.72	1 / 81	19.09	28.82	0.762	30.00	-1.18
	QPSK	3500.01	H	131	354	9.71	1 / 121	19.05	28.76	0.752	30.00	-1.24
	QPSK	3519.99	H	131	354	9.70	1 / 81	19.13	28.84	0.765	30.00	-1.16
	16-QAM	3500.01	H	131	354	9.71	1 / 121	18.21	27.92	0.620	30.00	-2.08
50 MHz	$\pi/2$ BPSK	3475.02	H	131	354	9.73	1 / 33	19.06	28.79	0.757	30.00	-1.21
	$\pi/2$ BPSK	3500.01	H	131	354	9.71	1 / 99	19.21	28.92	0.779	30.00	-1.08
	$\pi/2$ BPSK	3525.00	H	131	354	9.70	1 / 33	19.26	28.97	0.788	30.00	-1.03
	QPSK	3475.02	H	131	354	9.73	1 / 33	19.23	28.96	0.786	30.00	-1.04
	QPSK	3500.01	H	131	354	9.71	1 / 99	19.11	28.83	0.763	30.00	-1.17
	QPSK	3525.00	H	131	354	9.70	1 / 33	19.30	<b>29.01</b>	0.796	30.00	-0.99
	16-QAM	3500.01	H	131	354	9.71	1 / 99	18.25	27.96	0.625	30.00	-2.04
40 MHz	$\pi/2$ BPSK	3470.01	H	131	354	9.73	1 / 79	19.09	28.82	0.762	30.00	-1.18
	$\pi/2$ BPSK	3500.01	H	131	354	9.71	1 / 79	19.06	28.77	0.754	30.00	-1.23
	$\pi/2$ BPSK	3529.98	H	131	354	9.70	1 / 79	19.09	28.79	0.757	30.00	-1.21
	QPSK	3470.01	H	131	354	9.73	1 / 79	19.10	<b>28.83</b>	0.764	30.00	-1.17
	QPSK	3500.01	H	131	354	9.71	1 / 79	18.98	28.69	0.739	30.00	-1.31
	QPSK	3529.98	H	131	354	9.70	1 / 79	19.04	28.74	0.749	30.00	-1.26
	16-QAM	3470.01	H	131	354	9.73	1 / 79	18.18	27.91	0.618	30.00	-2.09
30 MHz	$\pi/2$ BPSK	3465.00	H	131	354	9.73	1 / 58	18.98	28.71	0.743	30.00	-1.29
	$\pi/2$ BPSK	3500.01	H	131	354	9.71	1 / 58	19.03	<b>28.74</b>	0.748	30.00	-1.26
	$\pi/2$ BPSK	3534.99	H	131	354	9.70	1 / 58	18.98	28.68	0.738	30.00	-1.32
	QPSK	3465.00	H	131	354	9.73	1 / 58	18.85	28.58	0.721	30.00	-1.42
	QPSK	3500.01	H	131	354	9.71	1 / 58	18.92	28.63	0.730	30.00	-1.37
	QPSK	3534.99	H	131	354	9.70	1 / 58	19.01	28.71	0.744	30.00	-1.29
	16-QAM	3465.00	H	131	354	9.73	1 / 58	18.32	28.05	0.638	30.00	-1.95
20 MHz	$\pi/2$ BPSK	3460.02	H	131	354	9.74	1 / 37	18.97	28.71	0.742	30.00	-1.29
	$\pi/2$ BPSK	3500.01	H	131	354	9.71	1 / 37	19.08	28.79	0.757	30.00	-1.21
	$\pi/2$ BPSK	3540.00	H	131	354	9.70	1 / 37	19.20	<b>28.90</b>	0.776	30.00	-1.10
	QPSK	3460.02	H	131	354	9.74	1 / 37	18.94	28.68	0.737	30.00	-1.32
	QPSK	3500.01	H	131	354	9.71	1 / 37	19.09	28.80	0.759	30.00	-1.20
	QPSK	3540.00	H	131	354	9.70	1 / 37	18.99	28.69	0.739	30.00	-1.31
	16-QAM	3540.00	H	131	354	9.70	1 / 37	18.04	27.74	0.595	30.00	-2.26
100 MHz	QPSK (CP-OFDM)	3500.0	H	131	354	9.71	1 / 17	17.86	27.57	0.572	30.00	-2.43
	QPSK (Opposite Pol.)	3500.0	V	147	259	9.71	1 / 17	18.77	28.48	0.705	30.00	-1.52

Table 7-25. EIRP Data (NR Band n77 (DoD) – Ant3)

FCC ID: C3K2077	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312040120-12.C3K	Test Dates: 1/31/2024 – 3/25/2024	EUT Type: Portable Computing Device	Page 131 of 167

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
100 MHz	$\pi/2$ BPSK	3500.01	H	118	321	9.71	1 / 136	11.06	20.77	0.119	30.00	-9.23
	QPSK	3500.01	H	118	321	9.71	1 / 136	11.12	20.83	0.121	30.00	-9.17
	16-QAM	3500.01	H	118	321	9.71	1 / 136	9.97	19.68	0.093	30.00	-10.32
100 MHz	QPSK (CP-OFDM)	3500.0	H	120	320	9.71	1 / 204	9.73	19.44	0.088	30.00	-10.56
	QPSK (Opposite Pol.)	3500.0	V	235	274	9.71	1 / 68	7.07	16.78	0.048	30.00	-13.22

Table 7-26. EIRP Data (NR Band n77 (DoD) – Ant5)

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
100 MHz	$\pi/2$ BPSK	3500.01	H	116	36	9.71	1 / 204	14.59	24.30	0.269	30.00	-5.70
	QPSK	3500.01	H	116	36	9.71	1 / 204	14.67	24.38	0.274	30.00	-5.62
	16-QAM	3500.01	H	116	36	9.71	1 / 204	13.76	23.47	0.222	30.00	-6.53
100 MHz	QPSK (CP-OFDM)	3500.0	H	120	36	9.71	1 / 204	13.26	22.97	0.198	30.00	-7.03
	QPSK (Opposite Pol.)	3500.0	V	109	97	9.71	1 / 68	9.36	19.07	0.081	30.00	-10.93

Table 7-27. EIRP Data (NR Band n77 (DoD) – Ant8)

FCC ID: C3K2077	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312040120-12.C3K	Test Dates: 1/31/2024 – 3/25/2024	EUT Type: Portable Computing Device	Page 132 of 167

Bandwidth	Mbd.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turtable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
100 MHz	$\pi/2$ BPSK	3750.00	H	256	305	9.64	1 / 271	19.53	29.17	0.826	30.00	-0.83
	$\pi/2$ BPSK	3840.00	H	241	304	9.61	1 / 1	19.57	<b>29.18</b>	0.829	30.00	-0.82
	$\pi/2$ BPSK	3930.00	H	252	307	9.59	1 / 1	19.48	29.07	0.807	30.00	-0.93
	QPSK	3750.00	H	256	305	9.64	1 / 271	19.47	29.11	0.814	30.00	-0.89
	QPSK	3840.00	H	241	304	9.61	1 / 1	19.47	29.08	0.810	30.00	-0.92
	QPSK	3930.00	H	252	307	9.59	1 / 1	19.23	28.82	0.762	30.00	-1.18
90 MHz	16-QAM	3840.00	H	241	304	9.61	1 / 1	19.35	28.96	0.788	30.00	-1.04
	$\pi/2$ BPSK	3745.02	H	256	305	9.64	1 / 122	19.51	29.15	0.823	30.00	-0.85
	$\pi/2$ BPSK	3840.00	H	241	304	9.61	1 / 122	19.65	29.27	0.845	30.00	-0.73
	$\pi/2$ BPSK	3934.98	H	252	307	9.59	1 / 122	19.74	29.33	0.857	30.00	-0.67
	QPSK	3745.02	H	256	305	9.64	1 / 122	19.51	29.15	0.823	30.00	-0.85
	QPSK	3840.00	H	241	304	9.61	1 / 122	19.77	29.38	0.867	30.00	-0.62
80 MHz	QPSK	3934.98	H	252	307	9.59	1 / 122	19.74	29.33	0.857	30.00	-0.67
	16-QAM	3840.00	H	241	304	9.61	1 / 122	19.89	<b>29.50</b>	0.891	30.00	-0.50
	$\pi/2$ BPSK	3740.01	H	256	305	9.64	1 / 215	19.48	29.13	0.818	30.00	-0.87
	$\pi/2$ BPSK	3840.00	H	241	304	9.61	1 / 108	19.69	29.30	0.852	30.00	-0.70
	$\pi/2$ BPSK	3939.99	H	252	307	9.59	1 / 1	19.76	29.34	0.859	30.00	-0.66
	QPSK	3740.01	H	256	305	9.64	1 / 108	19.46	29.10	0.813	30.00	-0.90
70 MHz	QPSK	3840.00	H	241	304	9.61	1 / 108	19.65	29.26	0.843	30.00	-0.74
	QPSK	3939.99	H	252	307	9.59	1 / 108	19.84	<b>29.42</b>	0.876	30.00	-0.58
	16-QAM	3840.00	H	241	304	9.61	1 / 215	19.61	29.22	0.836	30.00	-0.78
	$\pi/2$ BPSK	3735.00	H	256	305	9.64	1 / 94	19.67	29.31	0.853	30.00	-0.69
	$\pi/2$ BPSK	3840.00	H	241	304	9.61	1 / 187	19.83	29.44	0.880	30.00	-0.56
	$\pi/2$ BPSK	3945.00	H	252	307	9.59	1 / 1	19.85	29.44	0.878	30.00	-0.56
60 MHz	QPSK	3735.00	H	256	305	9.64	1 / 187	19.63	29.27	0.846	30.00	-0.73
	QPSK	3840.00	H	241	304	9.61	1 / 94	19.83	29.45	0.881	30.00	-0.55
	QPSK	3945.00	H	252	307	9.59	1 / 1	19.89	29.48	0.887	30.00	-0.52
	16-QAM	3945.00	H	252	307	9.59	1 / 1	20.05	<b>29.64</b>	0.920	30.00	-0.36
	$\pi/2$ BPSK	3730.02	H	256	305	9.64	1 / 81	19.78	29.43	0.876	30.00	-0.57
	$\pi/2$ BPSK	3840.00	H	241	304	9.61	1 / 81	19.83	29.44	0.880	30.00	-0.56
50 MHz	$\pi/2$ BPSK	3949.98	H	252	307	9.58	162 / 0	19.86	29.44	0.880	30.00	-0.56
	QPSK	3730.02	H	256	305	9.64	1 / 81	19.76	29.41	0.872	30.00	-0.59
	QPSK	3840.00	H	241	304	9.61	1 / 81	19.84	29.45	0.882	30.00	-0.55
	QPSK	3949.98	H	252	307	9.58	1 / 81	19.89	29.48	0.887	30.00	-0.52
	16-QAM	3730.02	H	256	305	9.64	1 / 81	19.84	<b>29.49</b>	0.889	30.00	-0.51
	$\pi/2$ BPSK	3725.01	H	256	305	9.65	1 / 1	19.80	29.44	0.879	30.00	-0.56
40 MHz	$\pi/2$ BPSK	3840.00	H	241	304	9.61	1 / 1	19.87	29.48	0.888	30.00	-0.52
	$\pi/2$ BPSK	3954.99	H	252	307	9.58	1 / 131	19.88	29.46	0.883	30.00	-0.54
	QPSK	3725.01	H	256	305	9.65	1 / 131	19.84	29.49	0.889	30.00	-0.51
	QPSK	3840.00	H	241	304	9.61	1 / 66	19.86	29.48	0.886	30.00	-0.52
	QPSK	3954.99	H	252	307	9.58	1 / 66	19.82	29.40	0.871	30.00	-0.60
	16-QAM	3725.01	H	256	305	9.65	1 / 1	19.85	<b>29.49</b>	0.890	30.00	-0.51
30 MHz	$\pi/2$ BPSK	3720.00	H	256	305	9.65	1 / 104	19.79	29.44	0.879	30.00	-0.56
	$\pi/2$ BPSK	3840.00	H	241	304	9.61	1 / 53	19.66	29.27	0.845	30.00	-0.73
	$\pi/2$ BPSK	3960.00	H	252	307	9.58	1 / 1	19.87	29.45	0.881	30.00	-0.55
	QPSK	3720.00	H	256	305	9.65	1 / 104	19.79	29.44	0.879	30.00	-0.56
	QPSK	3840.00	H	241	304	9.61	1 / 1	19.68	29.29	0.849	30.00	-0.71
	QPSK	3960.00	H	252	307	9.58	1 / 53	19.88	<b>29.46</b>	0.883	30.00	-0.54
20 MHz	16-QAM	3960.00	H	252	307	9.58	1 / 1	19.85	29.43	0.878	30.00	-0.57
	$\pi/2$ BPSK	3715.02	H	256	305	9.65	1 / 1	19.52	29.17	0.826	30.00	-0.83
	$\pi/2$ BPSK	3840.00	H	241	304	9.61	1 / 76	19.62	29.23	0.838	30.00	-0.77
	$\pi/2$ BPSK	3964.98	H	252	307	9.58	1 / 39	19.82	29.40	0.872	30.00	-0.60
	QPSK	3715.02	H	256	305	9.65	1 / 76	19.57	29.22	0.836	30.00	-0.78
	QPSK	3840.00	H	241	304	9.61	1 / 76	19.66	29.28	0.847	30.00	-0.72
100 MHz	QPSK	3964.98	H	252	307	9.58	1 / 1	19.92	<b>29.50</b>	0.891	30.00	-0.50
	16-QAM	3964.98	H	252	307	9.58	1 / 76	19.92	29.50	0.891	30.00	-0.50
	$\pi/2$ BPSK	3710.01	H	256	305	9.65	1 / 49	19.58	29.23	0.837	30.00	-0.77
	$\pi/2$ BPSK	3840.00	H	241	304	9.61	1 / 49	19.65	29.27	0.844	30.00	-0.73
	$\pi/2$ BPSK	3969.99	H	252	307	9.58	1 / 25	19.80	29.38	0.868	30.00	-0.62
	QPSK	3710.01	H	256	305	9.65	1 / 49	19.63	29.28	0.848	30.00	-0.72
100 MHz	QPSK	3840.00	H	241	304	9.61	1 / 1	19.63	29.25	0.841	30.00	-0.75
	QPSK	3969.99	H	252	307	9.58	1 / 1	19.83	29.41	0.873	30.00	-0.59
	16-QAM	3969.99	H	252	307	9.58	1 / 1	19.87	<b>29.45</b>	0.881	30.00	-0.55
	QPSK (Opposite Pol.)	3840.00	V	288	1	9.59	1 / 1	17.86	27.45	0.556	30.00	-2.55

Table 7-28. EIRP Data (NR Band n77 (C Band) – Ant2)

FCC ID: C3K2077	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312040120-12.C3K	Test Dates: 1/31/2024 – 3/25/2024	EUT Type: Portable Computing Device	Page 133 of 167

Bandwidth	Mbd.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Tumtable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
100 MHz	$\pi/2$ BPSK	3750.00	H	157	316	9.64	1 / 68	18.51	<b>28.15</b>	0.653	30.00	-1.85
	$\pi/2$ BPSK	3840.00	H	159	319	9.61	1 / 68	18.24	27.85	0.610	30.00	-2.15
	$\pi/2$ BPSK	3930.00	H	163	327	9.59	1 / 204	17.77	27.36	0.544	30.00	-2.64
	QPSK	3750.00	H	157	316	9.64	1 / 68	18.45	28.09	0.644	30.00	-1.91
	QPSK	3840.00	H	159	319	9.61	1 / 68	18.23	27.84	0.609	30.00	-2.16
	QPSK	3930.00	H	163	327	9.59	1 / 204	17.66	27.25	0.531	30.00	-2.75
90 MHz	16-QAM	3750.00	H	157	316	9.64	1 / 68	17.42	27.06	0.508	30.00	-2.94
	$\pi/2$ BPSK	3745.02	H	157	316	9.64	1 / 122	18.36	<b>28.00</b>	0.630	30.00	-2.00
	$\pi/2$ BPSK	3840.00	H	159	319	9.61	1 / 122	17.81	27.43	0.553	30.00	-2.57
	$\pi/2$ BPSK	3934.98	H	163	327	9.59	1 / 122	17.35	26.94	0.495	30.00	-3.06
	QPSK	3745.02	H	157	316	9.64	1 / 122	17.97	27.61	0.576	30.00	-2.39
	QPSK	3840.00	H	159	319	9.61	1 / 122	17.97	27.58	0.573	30.00	-2.42
80 MHz	QPSK	3934.98	H	163	327	9.59	1 / 122	17.04	26.63	0.460	30.00	-3.37
	16-QAM	3745.02	H	157	316	9.64	1 / 122	16.90	26.54	0.451	30.00	-3.46
	$\pi/2$ BPSK	3740.01	H	157	316	9.64	1 / 108	18.46	<b>28.10</b>	0.646	30.00	-1.90
	$\pi/2$ BPSK	3840.00	H	159	319	9.61	1 / 108	17.84	27.45	0.556	30.00	-2.55
	$\pi/2$ BPSK	3939.99	H	163	327	9.59	1 / 108	17.42	27.00	0.502	30.00	-3.00
	QPSK	3740.01	H	157	316	9.64	1 / 108	17.91	27.55	0.568	30.00	-2.45
70 MHz	QPSK	3840.00	H	159	319	9.61	1 / 108	17.95	27.56	0.570	30.00	-2.44
	QPSK	3939.99	H	163	327	9.59	1 / 108	17.04	26.63	0.460	30.00	-3.37
	16-QAM	3740.01	H	157	316	9.64	1 / 108	17.12	26.76	0.475	30.00	-3.24
	$\pi/2$ BPSK	3735.00	H	157	316	9.64	1 / 94	18.38	<b>28.02</b>	0.634	30.00	-1.98
	$\pi/2$ BPSK	3840.00	H	159	319	9.61	1 / 94	17.84	27.45	0.556	30.00	-2.55
	$\pi/2$ BPSK	3945.00	H	163	327	9.59	1 / 94	17.36	26.95	0.495	30.00	-3.05
60 MHz	QPSK	3735.00	H	157	316	9.64	1 / 94	18.01	27.65	0.582	30.00	-2.35
	QPSK	3840.00	H	159	319	9.61	1 / 94	18.02	27.63	0.580	30.00	-2.37
	QPSK	3945.00	H	163	327	9.59	1 / 94	17.01	26.59	0.456	30.00	-3.41
	16-QAM	3735.00	H	157	316	9.64	1 / 94	17.25	26.90	0.489	30.00	-3.10
	$\pi/2$ BPSK	3730.02	H	157	316	9.64	1 / 81	18.37	<b>28.02</b>	0.634	30.00	-1.98
	$\pi/2$ BPSK	3840.00	H	159	319	9.61	1 / 121	17.95	27.56	0.571	30.00	-2.44
50 MHz	$\pi/2$ BPSK	3949.98	H	163	327	9.58	1 / 121	17.79	27.37	0.546	30.00	-2.63
	QPSK	3730.02	H	157	316	9.64	1 / 121	18.05	27.69	0.587	30.00	-2.31
	QPSK	3840.00	H	159	319	9.61	1 / 121	18.00	27.61	0.577	30.00	-2.39
	QPSK	3949.98	H	163	327	9.58	1 / 121	17.00	26.59	0.456	30.00	-3.41
	16-QAM	3730.02	H	157	316	9.64	1 / 121	16.76	26.40	0.437	30.00	-3.60
	$\pi/2$ BPSK	3725.01	H	157	316	9.65	1 / 66	18.44	<b>28.09</b>	0.644	30.00	-1.91
40 MHz	$\pi/2$ BPSK	3840.00	H	159	319	9.61	1 / 99	17.97	27.58	0.573	30.00	-2.42
	$\pi/2$ BPSK	3954.99	H	163	327	9.58	1 / 99	17.54	27.12	0.515	30.00	-2.88
	QPSK	3725.01	H	157	316	9.65	1 / 99	18.00	27.65	0.582	30.00	-2.35
	QPSK	3840.00	H	159	319	9.61	1 / 99	17.97	27.58	0.573	30.00	-2.42
	QPSK	3954.99	H	163	327	9.58	1 / 33	17.15	26.74	0.472	30.00	-3.26
	16-QAM	3725.01	H	157	316	9.65	1 / 99	16.81	26.45	0.442	30.00	-3.55
30 MHz	$\pi/2$ BPSK	3720.00	H	157	316	9.65	1 / 79	18.55	<b>28.19</b>	0.659	30.00	-1.81
	$\pi/2$ BPSK	3840.00	H	159	319	9.61	1 / 79	18.10	27.71	0.591	30.00	-2.29
	$\pi/2$ BPSK	3960.00	H	163	327	9.58	1 / 79	17.64	27.22	0.527	30.00	-2.78
	QPSK	3720.00	H	157	316	9.65	1 / 26	18.33	27.98	0.628	30.00	-2.02
	QPSK	3840.00	H	159	319	9.61	1 / 79	18.15	27.77	0.598	30.00	-2.23
	QPSK	3960.00	H	163	327	9.58	1 / 26	17.39	26.97	0.498	30.00	-3.03
20 MHz	16-QAM	3720.00	H	157	316	9.65	1 / 26	16.87	26.52	0.449	30.00	-3.48
	$\pi/2$ BPSK	3715.02	H	157	316	9.65	1 / 39	18.51	<b>28.15</b>	0.654	30.00	-1.85
	$\pi/2$ BPSK	3840.00	H	159	319	9.61	1 / 39	18.11	27.72	0.591	30.00	-2.28
	$\pi/2$ BPSK	3964.98	H	163	327	9.58	1 / 58	17.68	27.26	0.532	30.00	-2.74
	QPSK	3715.02	H	157	316	9.65	1 / 19	18.22	27.87	0.612	30.00	-2.13
	QPSK	3840.00	H	159	319	9.61	1 / 58	18.21	27.82	0.606	30.00	-2.18
100 MHz	QPSK	3964.98	H	163	327	9.58	1 / 19	17.32	26.90	0.490	30.00	-3.10
	16-QAM	3715.02	H	157	316	9.65	1 / 19	17.13	26.78	0.476	30.00	-3.22
	$\pi/2$ BPSK	3710.01	H	157	316	9.65	1 / 25	18.72	<b>28.36</b>	0.686	30.00	-1.64
	$\pi/2$ BPSK	3840.00	H	159	319	9.61	1 / 37	18.10	27.71	0.590	30.00	-2.29
	$\pi/2$ BPSK	3969.99	H	163	327	9.58	1 / 37	17.75	27.33	0.541	30.00	-2.67
	QPSK	3710.01	H	157	316	9.65	1 / 25	18.19	27.84	0.608	30.00	-2.16
100 MHz	QPSK	3840.00	H	159	319	9.61	1 / 37	18.32	27.93	0.622	30.00	-2.07
	QPSK	3969.99	H	163	327	9.58	1 / 37	17.40	26.98	0.499	30.00	-3.02
100 MHz	16-QAM	3710.01	H	157	316	9.65	1 / 25	16.83	26.47	0.444	30.00	-3.53
	QPSK (CP-OFDM)	3750.0	H	159	320	9.64	1 / 6	16.50	26.14	0.411	30.00	-3.86
100 MHz	QPSK (Opposite Pol.)	3750.0	V	304	1	9.64	1 / 6	17.26	26.90	0.490	30.00	-3.10

Table 7-29. EIRP Data (NR Band n77 (C Band) – Ant3)

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Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
100 MHz	$\pi/2$ BPSK	3750.00	H	135	210	9.64	1 / 68	7.68	17.32	0.054	30.00	-12.68
	$\pi/2$ BPSK	3840.00	H	114	212	9.61	1 / 68	6.22	15.83	0.038	30.00	-14.17
	$\pi/2$ BPSK	3930.00	H	116	210	9.59	1 / 204	5.81	15.40	0.035	30.00	-14.60
	QPSK	3750.00	H	135	210	9.64	1 / 68	7.65	17.29	0.054	30.00	-12.71
	QPSK	3840.00	H	114	212	9.61	1 / 68	5.91	15.52	0.036	30.00	-14.48
	QPSK	3930.00	H	116	210	9.59	1 / 204	5.89	15.48	0.035	30.00	-14.52
100 MHz	16-QAM	3750.00	H	135	210	9.64	1 / 68	6.80	16.44	0.044	30.00	-13.56
	QPSK (CP-OFDM)	3750.0	H	146	208	9.64	1 / 68	6.05	15.69	0.037	30.00	-14.31
	QPSK (Opposite Pol.)	3750.0	V	345	262	9.64	1 / 68	6.06	15.70	0.037	30.00	-14.30

Table 7-30. EIRP Data (NR Band n77 (C Band) – Ant5)

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
100 MHz	$\pi/2$ BPSK	3750.00	H	131	27	9.64	1 / 136	12.63	22.27	0.169	30.00	-7.73
	$\pi/2$ BPSK	3840.00	H	137	28	9.61	1 / 68	12.63	22.24	0.168	30.00	-7.76
	$\pi/2$ BPSK	3930.00	H	127	27	9.59	1 / 68	11.96	21.55	0.143	30.00	-8.45
	QPSK	3750.00	H	131	27	9.64	1 / 136	12.66	22.30	0.170	30.00	-7.70
	QPSK	3840.00	H	137	28	9.61	1 / 68	12.55	22.16	0.165	30.00	-7.84
	QPSK	3930.00	H	127	27	9.59	1 / 68	11.75	21.34	0.136	30.00	-8.66
100 MHz	16-QAM	3840.00	H	137	28	9.61	1 / 68	11.38	20.99	0.126	30.00	-9.01
	QPSK (CP-OFDM)	3750.0	H	141	35	9.61	1 / 68	11.12	20.73	0.118	30.00	-9.27
	QPSK (Opposite Pol.)	3750.0	V	304	213	9.61	1 / 68	9.79	19.40	0.087	30.00	-10.60

Table 7-31. EIRP Data (NR Band n77 (C Band) – Ant8)

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
100 MHz	QPSK	3500.01	V	167	239	9.71	1 / 271	15.35	25.06	0.321	30.00	-4.94
	16-QAM	3500.01	V	167	239	9.71	1 / 271	14.72	24.43	0.277	30.00	-5.57
	QPSK (Opposite Pol.)	3500.0	H	173	1	9.71	1 / 271	14.67	24.38	0.274	30.00	-5.62

Table 7-32. EIRP Data (UL-MIMO NR Band n77 DoD Band – Ant2 and Ant3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
100 MHz	QPSK	3750.00	H	170	306	9.64	1 / 271	15.51	25.15	0.327	30.00	-4.85
	QPSK	3840.00	H	165	307	9.61	1 / 1	16.34	25.95	0.394	30.00	-4.05
	QPSK	3930.00	H	212	310	9.59	1 / 1	17.22	26.81	0.480	30.00	-3.19
	16-QAM	3930.00	H	212	310	9.59	1 / 1	17.16	26.75	0.473	30.00	-3.25
	QPSK (Opposite Pol.)	3930.00	V	300	359	9.64	1 / 1	15.10	24.74	0.298	30.00	-5.26

Table 7-33. EIRP Data (UL-MIMO NR Band n77 C Band – Ant2 and Ant3)

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## 7.8 Radiated Spurious Emissions Measurements

### Test Overview

Radiated spurious emissions measurements are performed using the field strength conversion method described in ANSI C63.26-2015 with the EUT transmitting into an integral antenna. Measurements on signals operating below 1GHz are performed using hybrid (biconical/log) antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed as RMS measurements while the EUT is operating at maximum power, and at the appropriate frequencies.

### Test Procedures Used

ANSI C63.26-2015 – Section 5.5.4

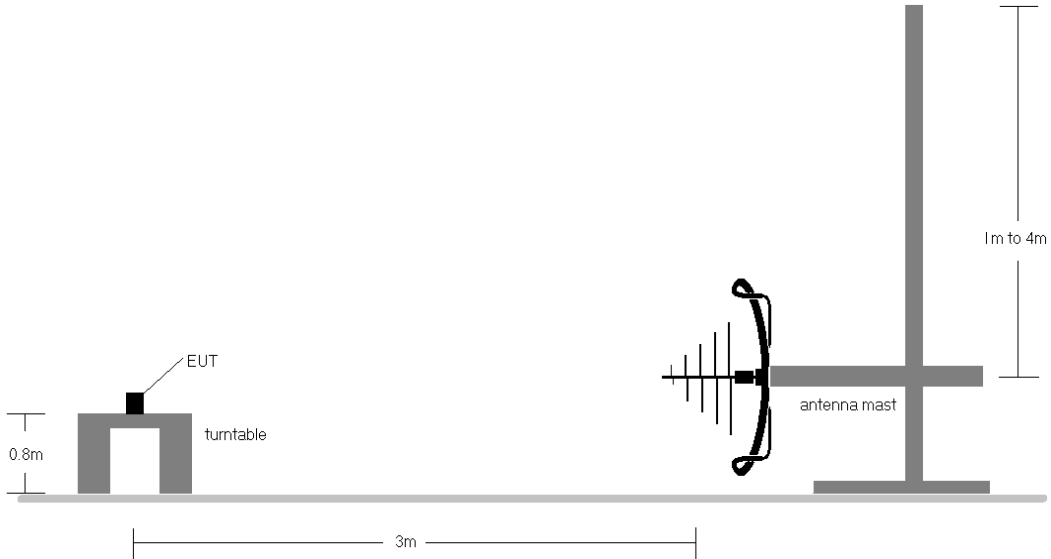
### Test Settings

1. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
2. VBW  $\geq 3 \times$  RBW
3. Span = 1.5 times the OBW
4. No. of sweep points  $\geq 2 \times$  span / RBW
5. Detector = RMS
6. Trace mode = Average (Max Hold for pulsed emissions)
7. The trace was allowed to stabilize

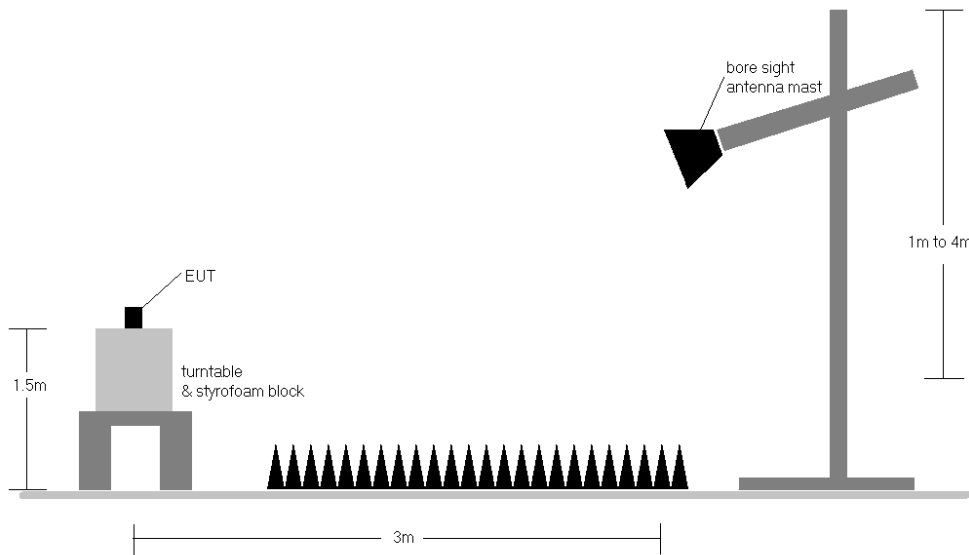
FCC ID: C3K2077	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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### Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



**Figure 7-7. Test Instrument & Measurement Setup < 1GHz**



**Figure 7-8. Test Instrument & Measurement Setup >1 GHz**

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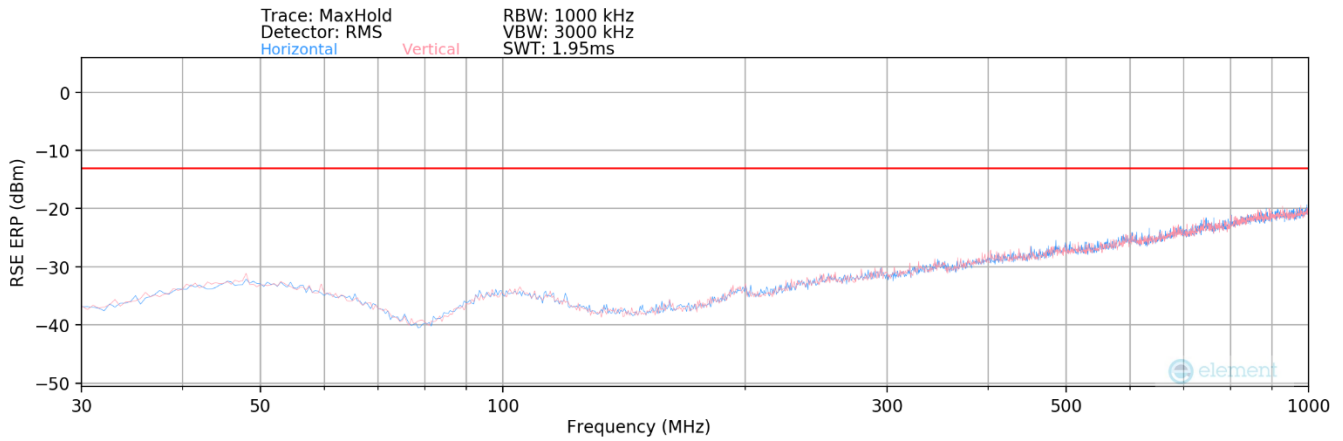
**Test Notes**

- 1) Field strengths are calculated using the Measurement quantity conversions in ANSI C63.26-2015 Section 5.2.7:
  - b)  $E(\text{dB}\mu\text{V}/\text{m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
  - d)  $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V}/\text{m}) + 20\log D - 104.8$ ; where D is the measurement distance in meters.
- 2) The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
- 3) This unit was tested with its standard battery.
- 4) The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
- 5) Emissions below 18GHz were measured at a 3 meter test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
- 6) The "-" shown in the following RSE tables are used to denote a noise floor measurement.
- 7) For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst-case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.
- 8) Spurious emission in EN-DC Operating mode with Sub 6GHz NR carrier as well as an LTE carrier(anchor) has been checked and was found to not to be the worst case. Spurious emissions from the NR carrier device are subject to the rules under which the NR carrier operates. Spurious emissions caused by the LTE carrier must meet the requirements of the rules under which the LTE carrier operates.

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## NR Band n77 DoD Band – Ant2

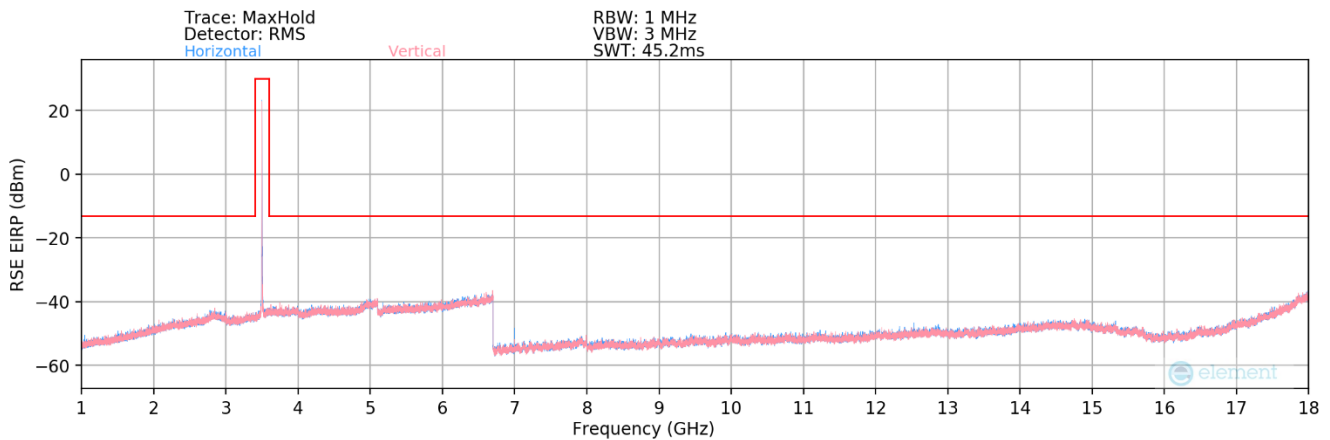


Plot 7-161. Radiated Spurious Plot – Below 1GHz (NR Band n77 - Ant2)

Bandwidth (MHz):	100
Frequency (MHz):	3500.01
RB / Offset:	1 / 135
Mode:	Stand Alone

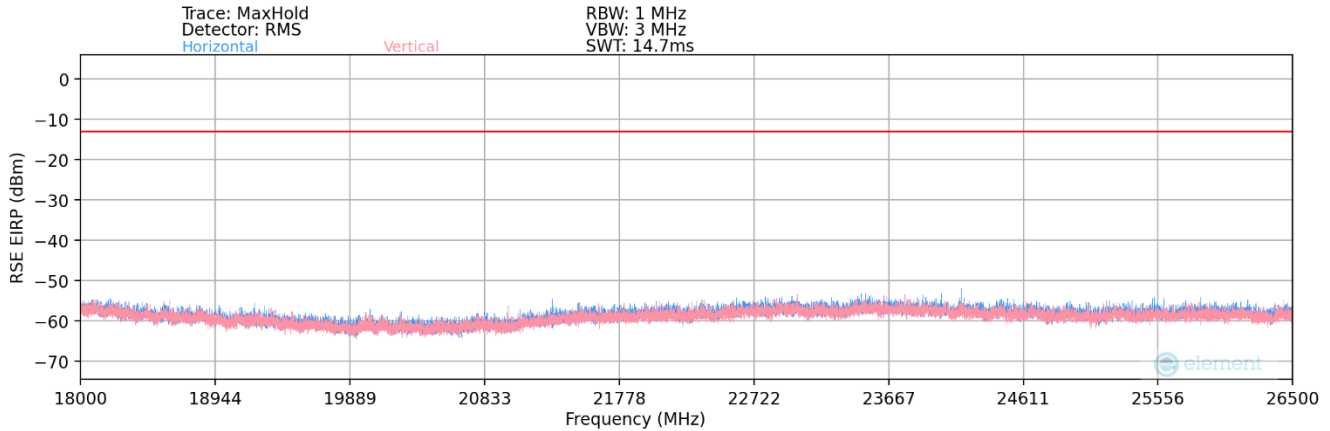
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
894.15	V	-	-	-79.16	30.39	58.23	-39.17	-13.00	-26.17

Table 7-34. Radiated Spurious Data – Below 1GHz (NR Band n77 - Ant2)

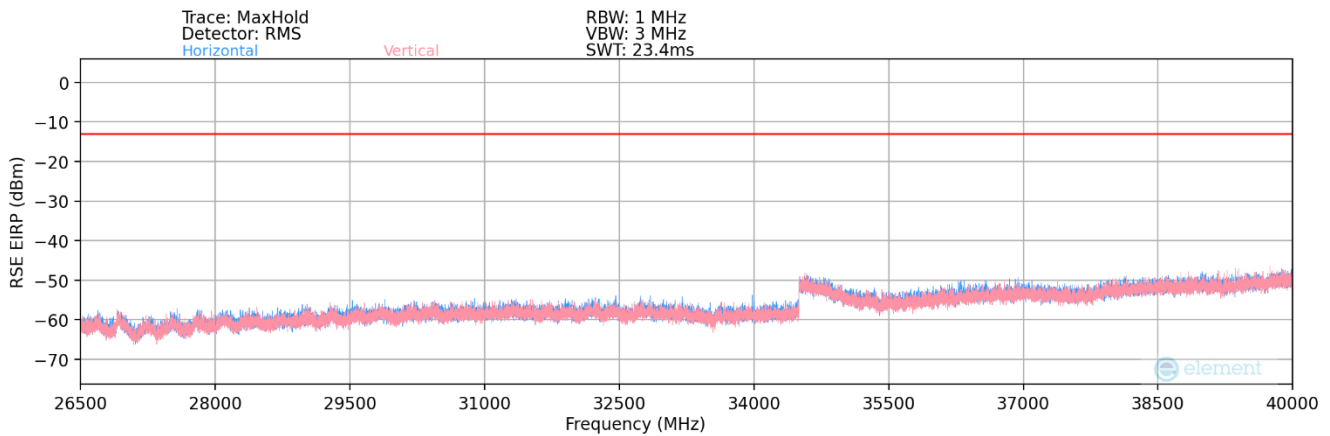


Plot 7-162. Radiated Spurious Plot – 1GHz – 18GHz (NR Band n77 - Ant2)

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**Plot 7-163. Radiated Spurious Plot – 18GHz – 26.5GHz (NR Band n77 - Ant2)**



**Plot 7-164. Radiated Spurious Plot – 26.5GHz – 40GHz (NR Band n77 - Ant2)**

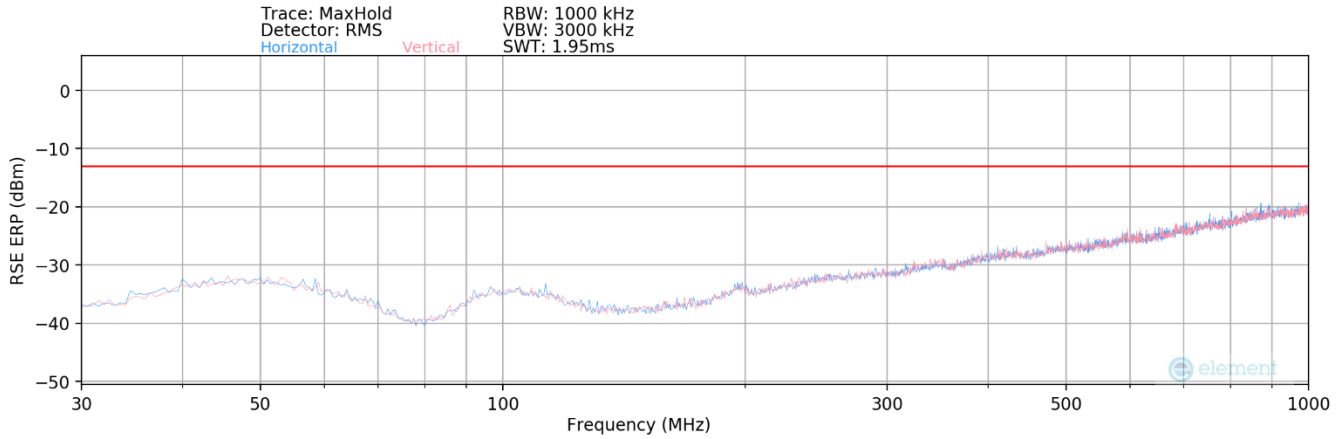
<b>Bandwidth (MHz):</b>	100
<b>Frequency (MHz):</b>	3500.01
<b>RB / Offset:</b>	1 / 135
<b>Mode:</b>	Stand Alone

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
7000.02	V	276	132	-71.24	5.36	41.12	-54.13	-13.00	-41.13
10500.03	V	-	-	-78.32	10.75	39.43	-55.83	-13.00	-42.83
14000.04	V	-	-	-79.97	15.55	42.58	-52.67	-13.00	-39.67
17500.05	V	114	105	-77.61	20.42	49.81	-45.45	-13.00	-32.45
21000.06	V	150	154	-53.97	3.52	56.55	-48.25	-13.00	-35.25
24500.07	V	-	-	-56.44	3.88	54.44	-50.36	-13.00	-37.36
28000.08	V	-	-	-56.45	4.51	55.06	-49.74	-13.00	-36.74
31500.09	V	-	-	-56.01	7.25	58.24	-46.56	-13.00	-33.56

**Table 7-35. Radiated Spurious Data (NR Band n77 – Ant2)**

<b>FCC ID:</b> C3K2077	<b>PART 27 MEASUREMENT REPORT</b>		<b>Approved by:</b> Technical Manager
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### NR Band n77 DoD Band – Ant3

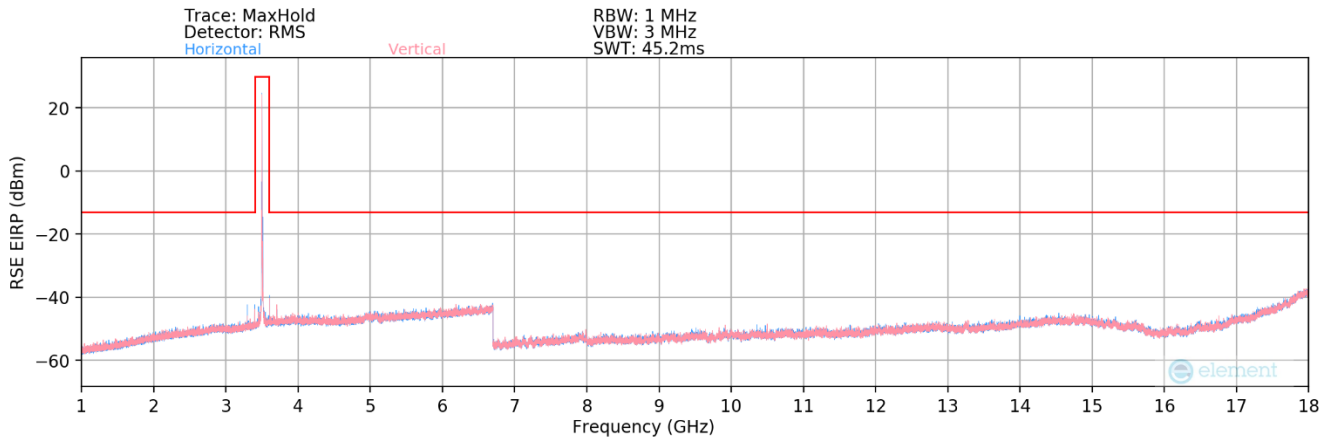


Plot 7-165. Radiated Spurious Plot – Below 1GHz (NR Band n77 – Ant3)

Bandwidth (MHz):	100
Frequency (MHz):	3500.01
RB / Offset:	1 / 135
Mode:	Stand Alone

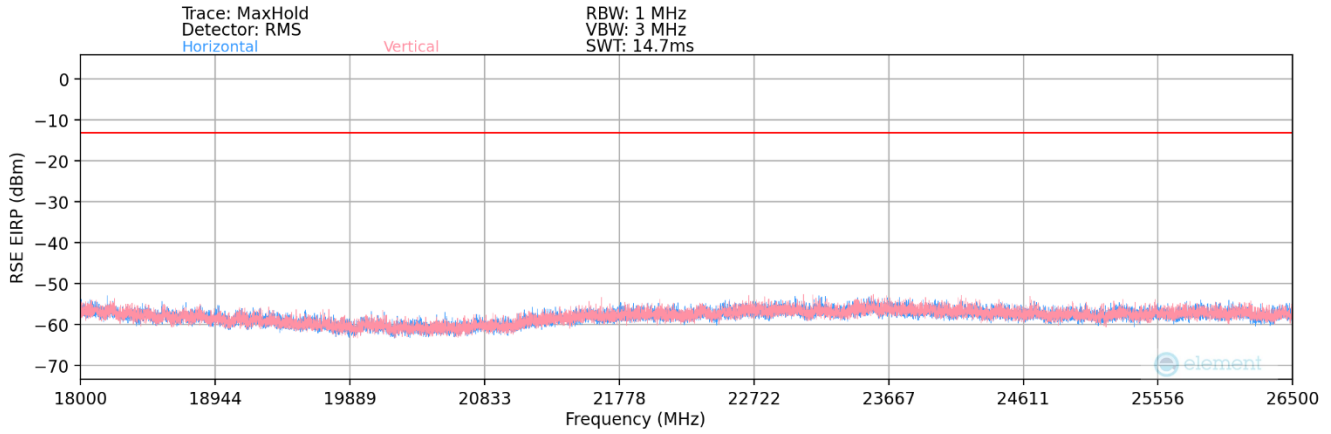
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
962.77	V	-	-	-78.49	30.73	59.24	-38.17	-13.00	-25.17

Table 7-36. Radiated Spurious Data – Below 1GHz (NR Band n77 – Ant3)

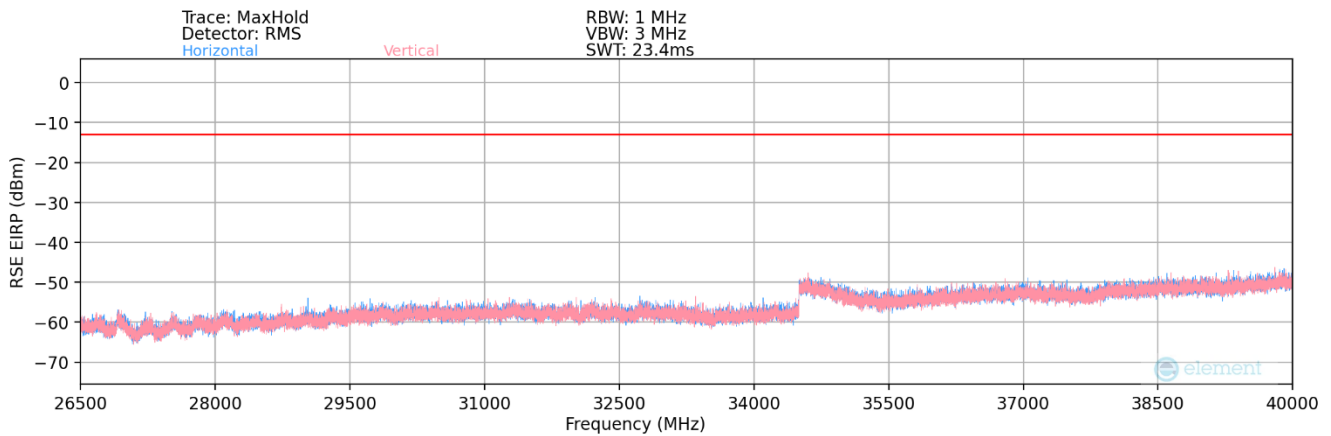


Plot 7-166. Radiated Spurious Plot – 1GHz – 18GHz (NR Band n77 – Ant3)

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**Plot 7-167. Radiated Spurious Plot – 18GHz – 26.5GHz (NR Band n77 – Ant3)**



**Plot 7-168. Radiated Spurious Plot – 26.5GHz – 40GHz (NR Band n77 – Ant3)**

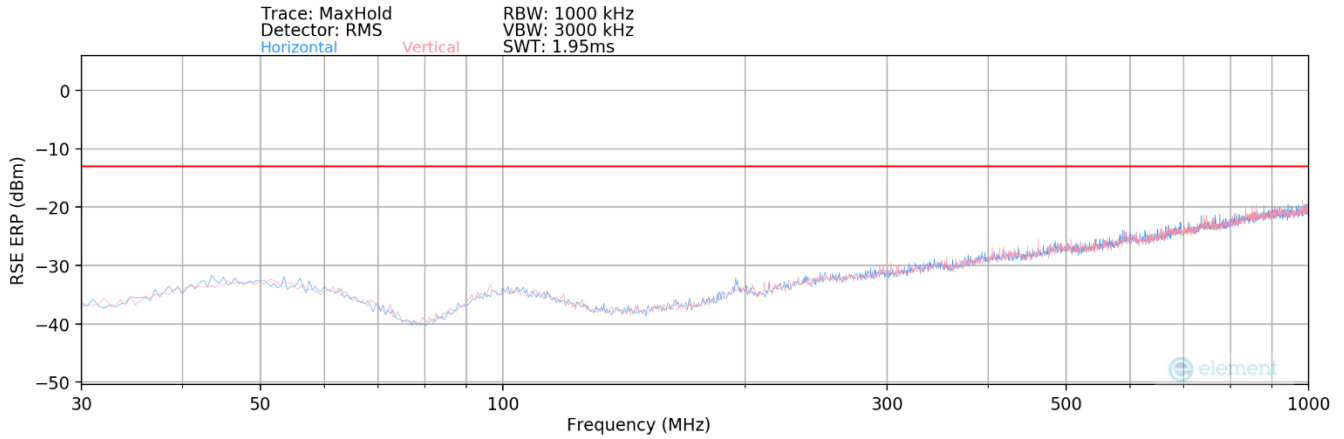
<b>Bandwidth (MHz):</b>	100
<b>Frequency (MHz):</b>	3500.01
<b>RB / Offset:</b>	1 / 135
<b>Mode:</b>	Stand Alone

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
7000.02	V	256	154	-76.16	5.36	36.20	-59.05	-13.00	-46.05
10500.03	V	242	147	-74.40	10.75	43.35	-51.91	-13.00	-38.91
14000.04	V	255	159	-79.40	15.55	43.15	-52.10	-13.00	-39.10
17500.05	V	-	-	-78.56	20.42	48.86	-46.40	-13.00	-33.40
21000.06	V	-	-	-56.16	3.52	54.36	-50.44	-13.00	-37.44
24500.07	V	-	-	-55.99	3.88	54.89	-49.91	-13.00	-36.91

**Table 7-37. Radiated Spurious Data (NR Band n77 – Ant3)**

<b>FCC ID:</b> C3K2077	<b>PART 27 MEASUREMENT REPORT</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2312040120-12.C3K	<b>Test Dates:</b> 1/31/2024 – 3/25/2024	<b>EUT Type:</b> Portable Computing Device	Page 142 of 167

# NR Band n77 DoD Band – Ant5

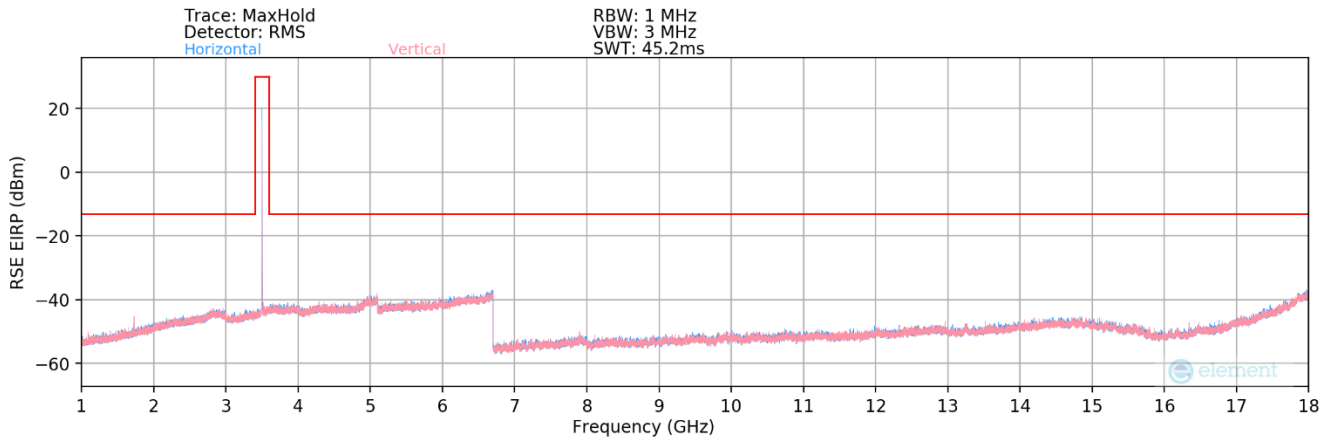


Plot 7-169. Radiated Spurious Plot – Below 1GHz (NR Band n77 – Ant5)

Bandwidth (MHz):	100
Frequency (MHz):	3500.01
RB / Offset:	1 / 135
Mode:	Stand Alone

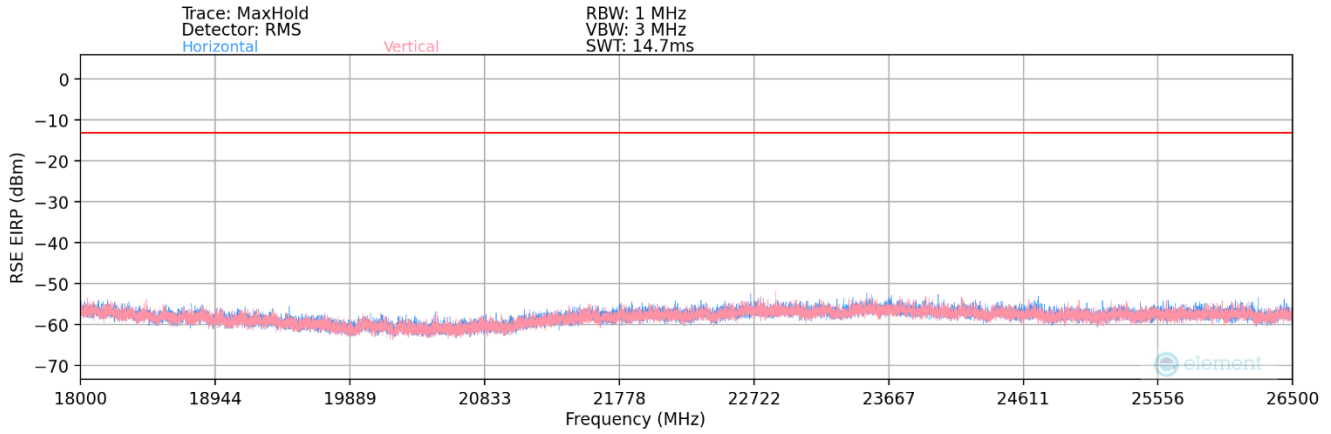
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
741.88	V	-	-	-77.74	28.78	58.04	-39.37	-13.00	-26.37

Table 7-38. Radiated Spurious Data – Below 1GHz (NR Band n77 – Ant5)

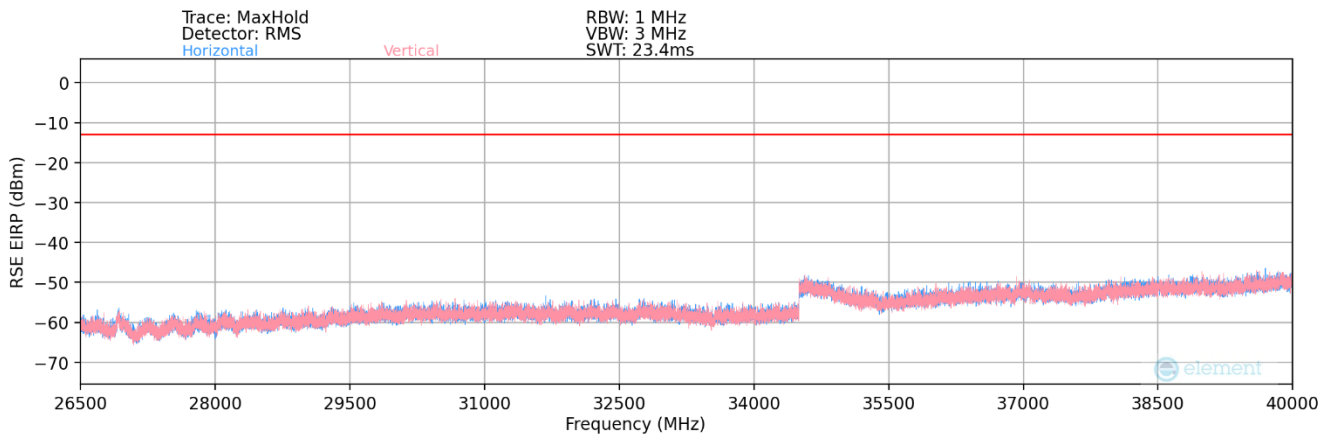


Plot 7-170. Radiated Spurious Plot – 1GHz – 18GHz (NR Band n77 – Ant5)

FCC ID: C3K2077	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312040120-12.C3K	Test Dates: 1/31/2024 – 3/25/2024	EUT Type: Portable Computing Device	Page 143 of 167



**Plot 7-171. Radiated Spurious Plot – 18GHz – 26.5GHz (NR Band n77 – Ant5)**



**Plot 7-172. Radiated Spurious Plot – 26.5GHz – 40GHz (NR Band n77 – Ant5)**

<b>Bandwidth (MHz):</b>	100
<b>Frequency (MHz):</b>	3500.01
<b>RB / Offset:</b>	1 / 135
<b>Mode:</b>	Stand Alone

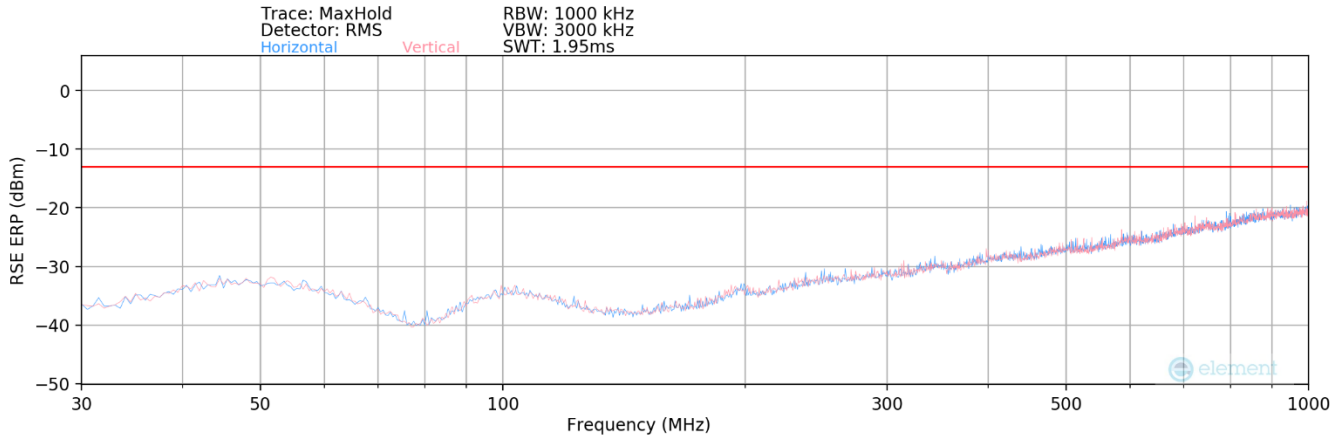
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
7000.02	V	112	244	-75.80	5.36	36.56	-58.69	-13.00	-45.69
10500.03	V	-	-	-78.24	10.75	39.51	-55.75	-13.00	-42.75
14000.04	V	-	-	-80.05	15.55	42.50	-52.75	-13.00	-39.75
17500.05	V	-	-	-78.76	20.42	48.66	-46.60	-13.00	-33.60

**Table 7-39. Radiated Spurious Data (NR Band n77 – Ant5)**

<b>FCC ID:</b> C3K2077	<b>PART 27 MEASUREMENT REPORT</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2312040120-12.C3K	<b>Test Dates:</b> 1/31/2024 – 3/25/2024	<b>EUT Type:</b> Portable Computing Device	Page 144 of 167



# NR Band n77 DoD Band – Ant8

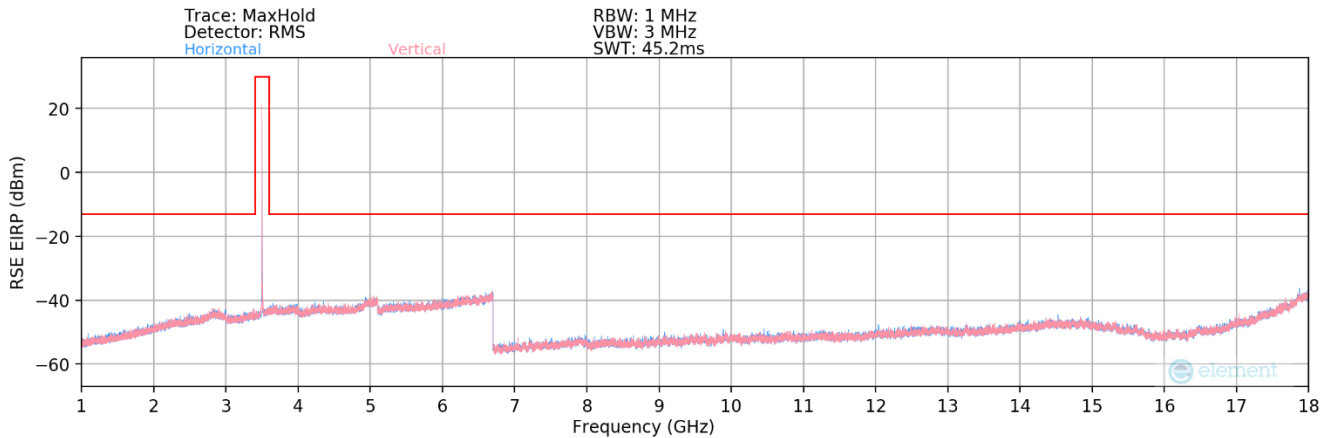


Plot 7-173. Radiated Spurious Plot – Below 1GHz (NR Band n77 – Ant8)

Bandwidth (MHz):	100
Frequency (MHz):	3500.01
RB / Offset:	1 / 135
Mode:	Stand Alone

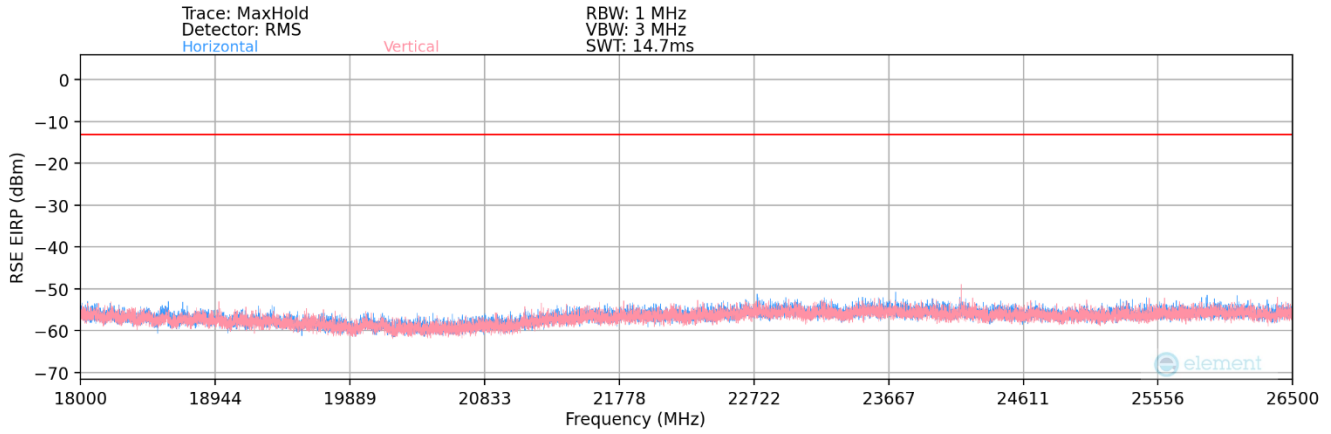
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
903.80	V	-	-	-78.13	30.49	59.36	-38.05	-13.00	-25.05

Table 7-40. Radiated Spurious Data – Below 1GHz (NR Band n77 – Ant8)

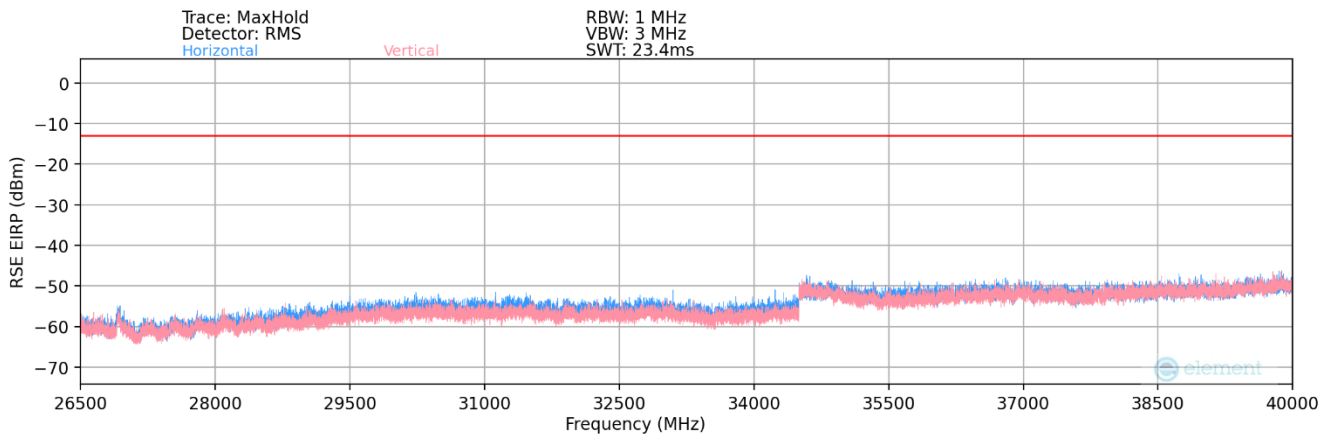


Plot 7-174. Radiated Spurious Plot – 1GHz – 18GHz (NR Band n77 – Ant8)

FCC ID: C3K2077	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312040120-12.C3K	Test Dates: 1/31/2024 – 3/25/2024	EUT Type: Portable Computing Device	Page 145 of 167



**Plot 7-175. Radiated Spurious Plot – 18GHz – 26.5GHz (NR Band n77 – Ant8)**



**Plot 7-176. Radiated Spurious Plot – 26.5GHz – 40GHz (NR Band n77 – Ant8)**

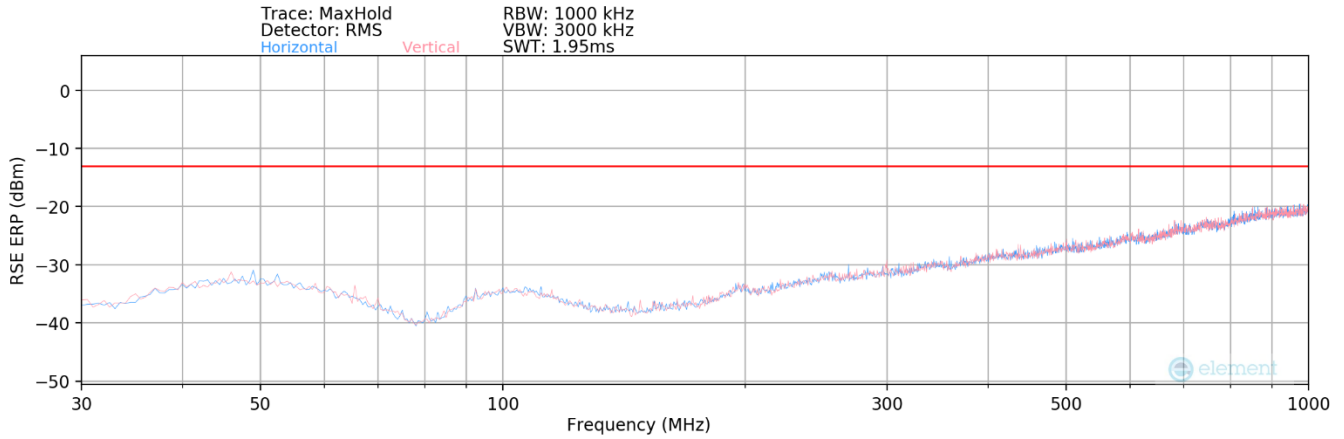
<b>Bandwidth (MHz):</b>	100
<b>Frequency (MHz):</b>	3500.01
<b>RB / Offset:</b>	1 / 135
<b>Mode:</b>	Stand Alone

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
7000.02	V	-	-	-77.49	5.36	34.87	-60.38	-13.00	-47.38
10500.03	V	271	155	-79.58	10.75	38.17	-57.09	-13.00	-44.09
14000.04	V	-	-	-81.99	15.55	40.56	-54.69	-13.00	-41.69
17500.05	V	-	-	-82.44	20.42	44.98	-50.28	-13.00	-37.28
21000.06	V	-	-	-56.62	3.52	53.90	-50.90	-13.00	-37.90

**Table 7-41. Radiated Spurious Data (NR Band n77 – Ant8)**

<b>FCC ID:</b> C3K2077	<b>PART 27 MEASUREMENT REPORT</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2312040120-12.C3K	<b>Test Dates:</b> 1/31/2024 – 3/25/2024	<b>EUT Type:</b> Portable Computing Device	Page 146 of 167

# NR Band n77 C Band – Ant2

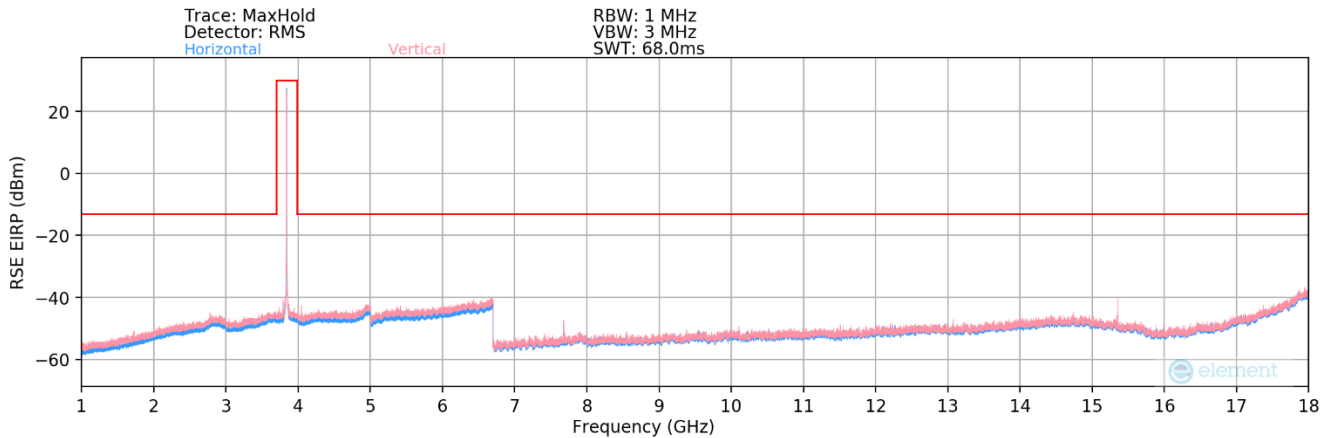


Plot 7-177. Radiated Spurious Plot – Below 1GHz (NR Band n77 – Ant2)

Bandwidth (MHz):	100
Frequency (MHz):	3840.00
RB / Offset:	1 / 135
Mode:	Stand Alone

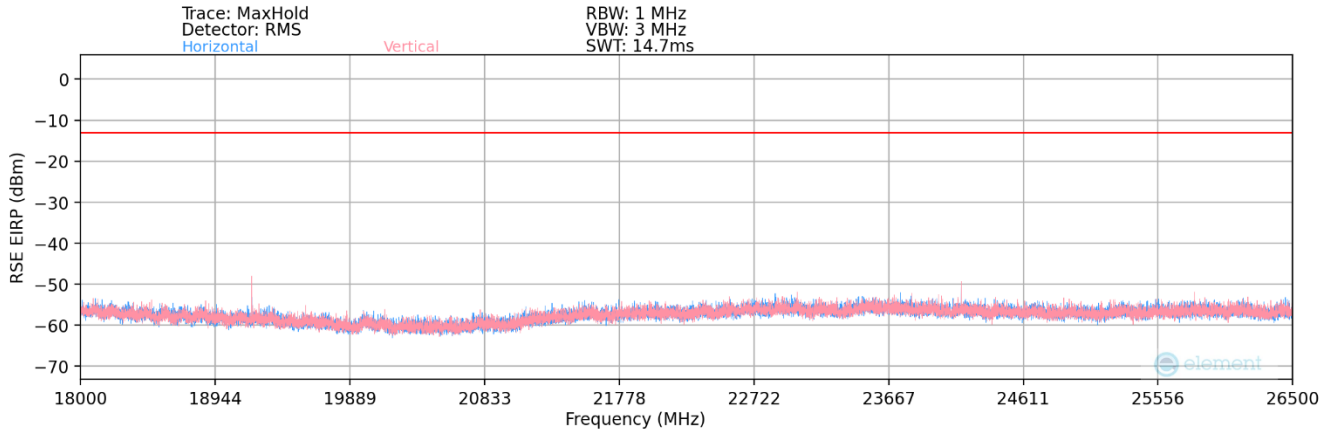
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
944.51	V	-	-	-79.23	30.56	58.33	-39.08	-13.00	-26.08

Table 7-42. Radiated Spurious Data – Below 1GHz (NR Band n77 – Ant2)

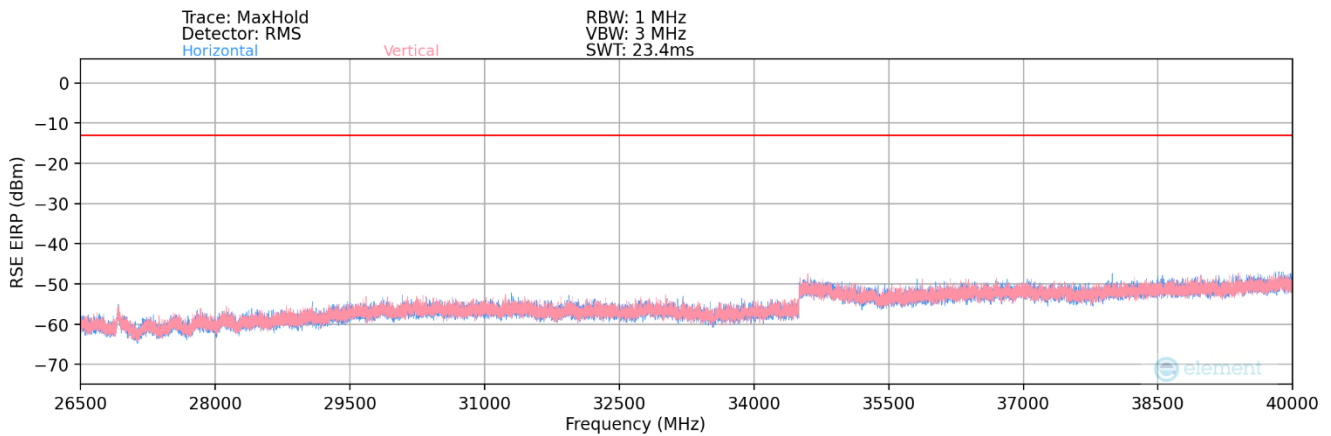


Plot 7-178. Radiated Spurious Plot – 1GHz – 18GHz (NR Band n77 – Ant2)

FCC ID: C3K2077	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312040120-12.C3K	Test Dates: 1/31/2024 – 3/25/2024	EUT Type: Portable Computing Device	Page 147 of 167



**Plot 7-179. Radiated Spurious Plot – 18GHz – 26.5GHz (NR Band n77 – Ant2)**



**Plot 7-180. Radiated Spurious Plot – 26.5GHz – 40GHz (NR Band n77 – Ant2)**

<b>Bandwidth (MHz):</b>	100
<b>Frequency (MHz):</b>	3750.00
<b>RB / Offset:</b>	1 / 135
<b>Mode:</b>	Stand Alone

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
7500.00	V	185	175	-70.12	6.68	43.56	-51.70	-13.00	-38.70
11250.00	V	-	-	-78.48	11.89	40.41	-54.85	-13.00	-41.85
15000.00	V	155	251	-73.90	16.29	49.39	-45.87	-13.00	-32.87
18750.00	V	150	275	-54.22	1.53	54.31	-50.49	-13.00	-37.49
22500.00	V	-	-	-56.31	3.77	54.46	-50.34	-13.00	-37.34
26250.00	V	-	-	-56.23	4.18	54.95	-49.85	-13.00	-36.85
30000.00	V	-	-	-56.81	5.99	56.18	-48.62	-13.00	-35.62

**Table 7-43. Radiated Spurious Data (NR Band n77 – Low Channel – Ant2)**

<b>FCC ID:</b> C3K2077	<b>PART 27 MEASUREMENT REPORT</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2312040120-12.C3K	<b>Test Dates:</b> 1/31/2024 – 3/25/2024	<b>EUT Type:</b> Portable Computing Device	Page 148 of 167

Bandwidth (MHz):	100
Frequency (MHz):	3840.00
RB / Offset:	1 / 135
Mode:	Stand Alone

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
7680.00	V	191	178	-70.09	6.59	43.50	-51.76	-13.00	-38.76
11520.00	V	-	-	-78.61	11.03	39.42	-55.84	-13.00	-42.84
15360.00	V	141	254	-68.64	15.23	53.59	-41.67	-13.00	-28.67
19200.00	V	150	278	-46.85	2.06	62.21	-42.59	-13.00	-29.59
23040.00	V	-	-	-55.99	3.74	54.75	-50.05	-13.00	-37.05
26880.00	V	-	-	-55.43	4.42	55.99	-48.81	-13.00	-35.81
30720.00	V	-	-	-55.28	6.66	58.38	-46.42	-13.00	-33.42

Table 7-44. Radiated Spurious Data (NR Band n77 – Mid Channel – Ant2)

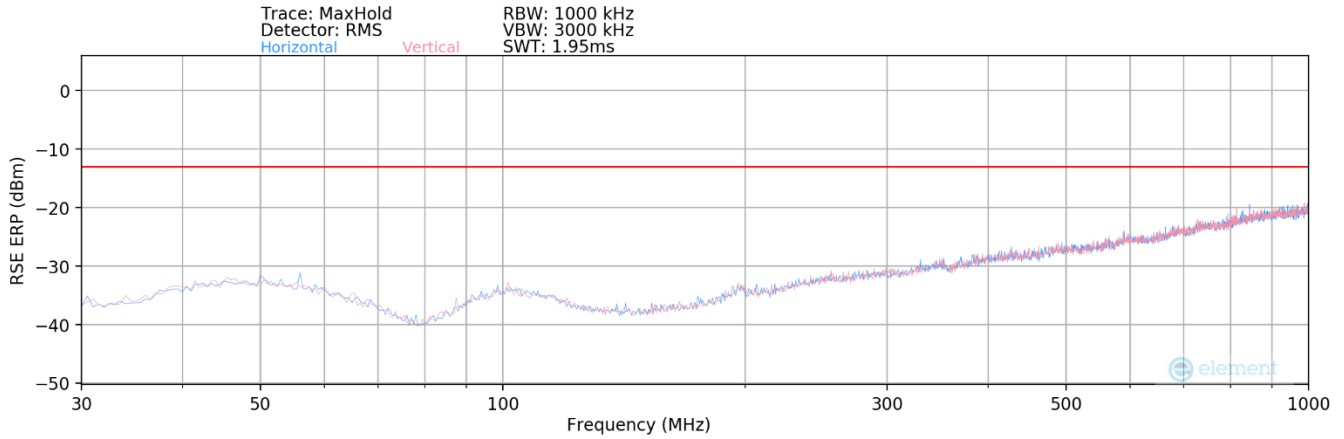
Bandwidth (MHz):	100
Frequency (MHz):	3930.00
RB / Offset:	1 / 135
Mode:	Stand Alone

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
7860.00	V	233	175	-74.70	7.56	39.86	-55.40	-13.00	-42.40
11790.00	V	-	-	-76.90	12.18	42.28	-52.98	-13.00	-39.98
15720.00	V	156	254	-69.03	14.16	52.13	-43.13	-13.00	-30.13
19650.00	V	150	25	-47.20	2.49	62.30	-42.50	-13.00	-29.50
23580.00	V	-	-	-57.15	3.77	53.63	-51.17	-13.00	-38.17
27510.00	V	-	-	-56.85	4.33	54.48	-50.32	-13.00	-37.32
31440.00	V	-	-	-56.80	6.69	56.89	-47.91	-13.00	-34.91

Table 7-45. Radiated Spurious Data (NR Band n77 – High Channel – Ant2)

FCC ID: C3K2077	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312040120-12.C3K	Test Dates: 1/31/2024 – 3/25/2024	EUT Type: Portable Computing Device	Page 149 of 167

# NR Band n77 C Band – Ant3

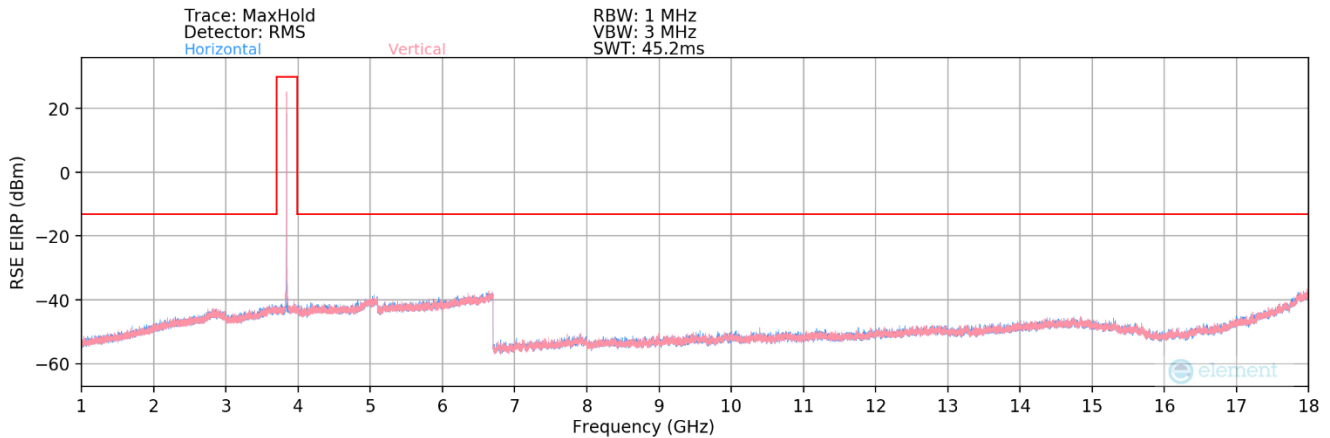


Plot 7-181. Radiated Spurious Plot – Below 1GHz (NR Band n77 – Ant3)

Bandwidth (MHz):	100
Frequency (MHz):	3840.00
RB / Offset:	1 / 135
Mode:	Stand Alone

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
847.83	H	-	-	-78.31	30.01	58.70	-38.71	-13.00	-25.71

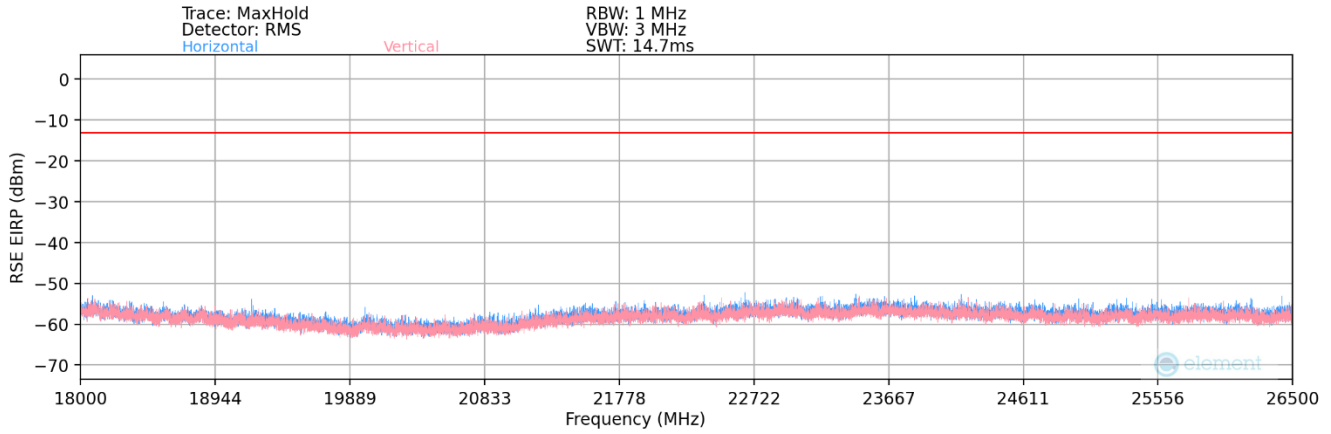
Table 7-46. Radiated Spurious Data – Below 1GHz (NR Band n77 – Ant2)



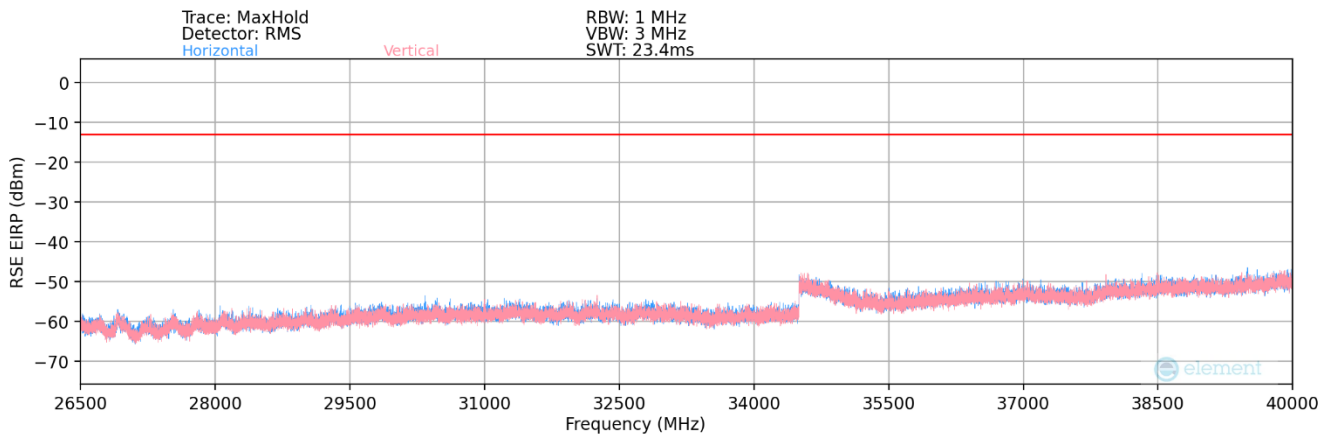
Plot 7-182. Radiated Spurious Plot – 1GHz – 18GHz (NR Band n77 – Ant3)

FCC ID: C3K2077	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2312040120-12.C3K	Test Dates: 1/31/2024 – 3/25/2024	EUT Type: Portable Computing Device	Page 150 of 167





**Plot 7-183. Radiated Spurious Plot – 18GHz – 26.5GHz (NR Band n77 – Ant3)**



**Plot 7-184. Radiated Spurious Plot – 26.5GHz – 40GHz (NR Band n77 – Ant3)**

<b>Bandwidth (MHz):</b>	100
<b>Frequency (MHz):</b>	3750.00
<b>RB / Offset:</b>	1 / 135
<b>Mode:</b>	Stand Alone

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
7500.00	H	-	-	-76.74	6.68	36.94	-58.32	-13.00	-45.32
11250.00	H	-	-	-78.26	11.89	40.63	-54.63	-13.00	-41.63
15000.00	H	-	-	-79.99	16.29	43.30	-51.96	-13.00	-38.96
18750.00	H	150	36	-52.99	1.53	55.54	-49.26	-13.00	-36.26
22500.00	H	-	-	-56.06	3.77	54.72	-50.08	-13.00	-37.08
26250.00	H	-	-	-56.22	4.18	54.96	-49.84	-13.00	-36.84
30000.00	H	-	-	-55.83	5.99	57.16	-47.64	-13.00	-34.64

**Table 7-47. Radiated Spurious Data (NR Band n77 – Low Channel – Ant3)**

<b>FCC ID:</b> C3K2077	<b>PART 27 MEASUREMENT REPORT</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2312040120-12.C3K	<b>Test Dates:</b> 1/31/2024 – 3/25/2024	<b>EUT Type:</b> Portable Computing Device	Page 151 of 167