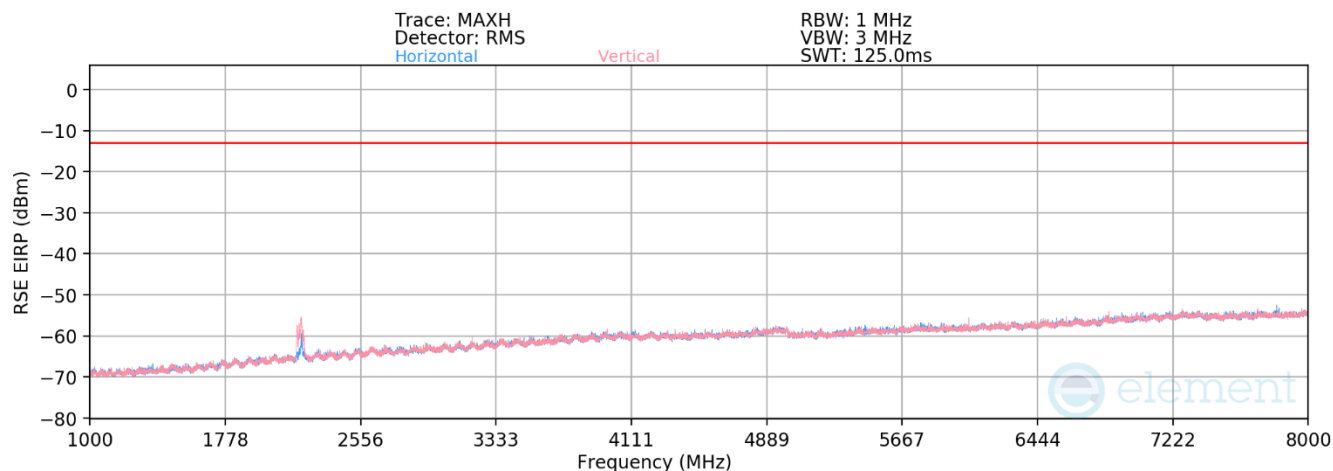
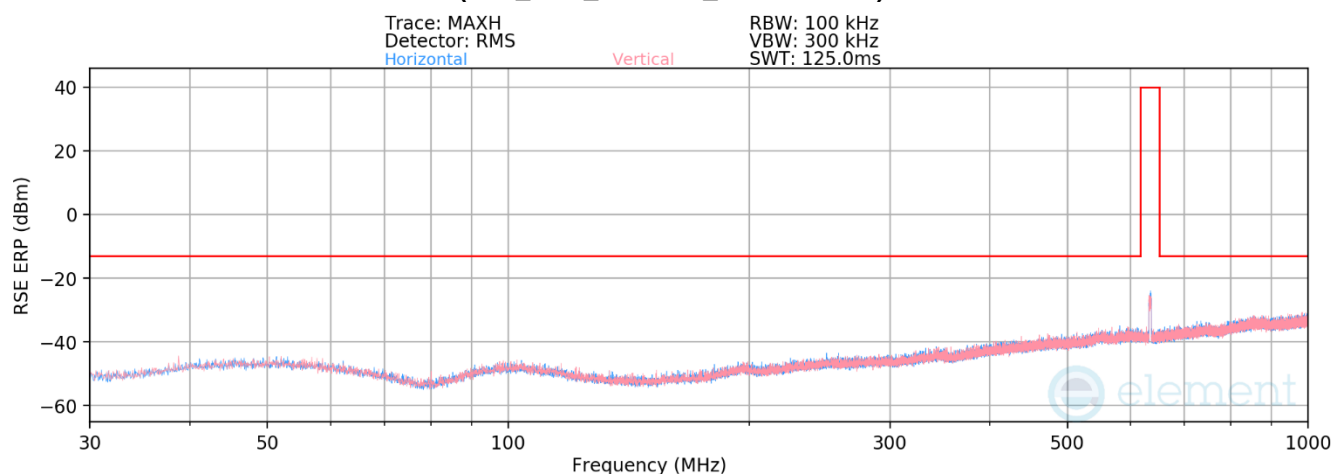


**Plot 8-238. Radiated spurious emission_30 MHz to 1000 MHz
(B71_2NC_5M+10M_Mid Channel)**

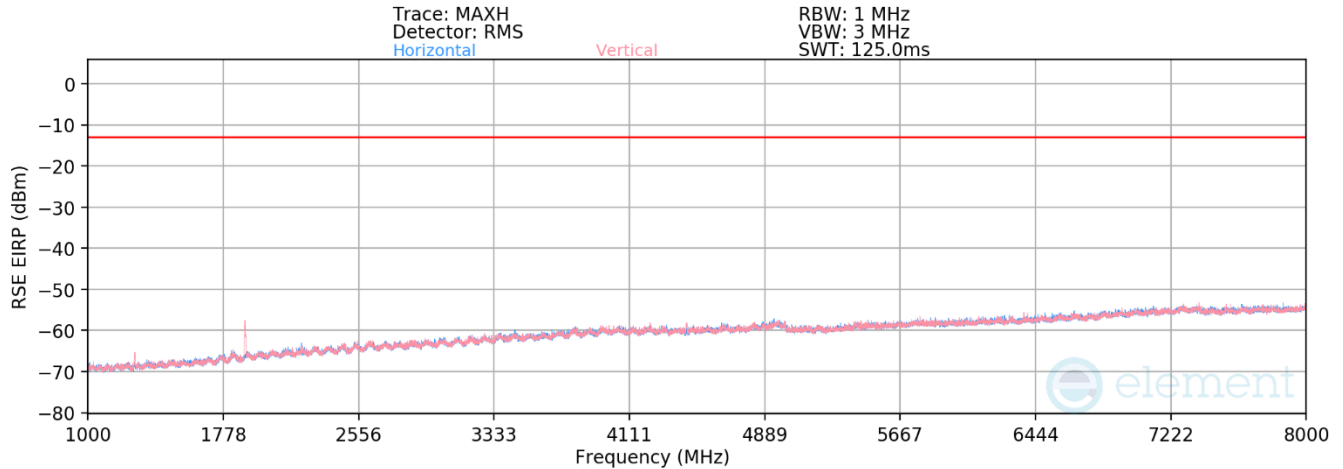


**Plot 8-239. Radiated spurious emission_1 GHz to 8 GHz
(B71_2NC_5M+10M_Mid Channel)**

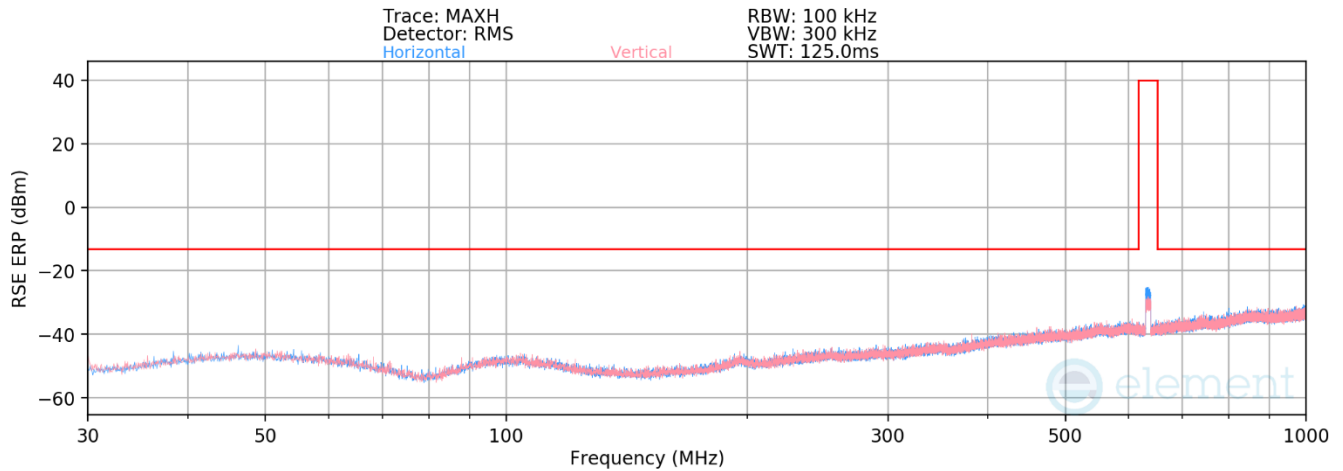


**Plot 8-240. Radiated spurious emission_30 MHz to 1000 MHz
(n71_1C_5M_Mid Channel)**

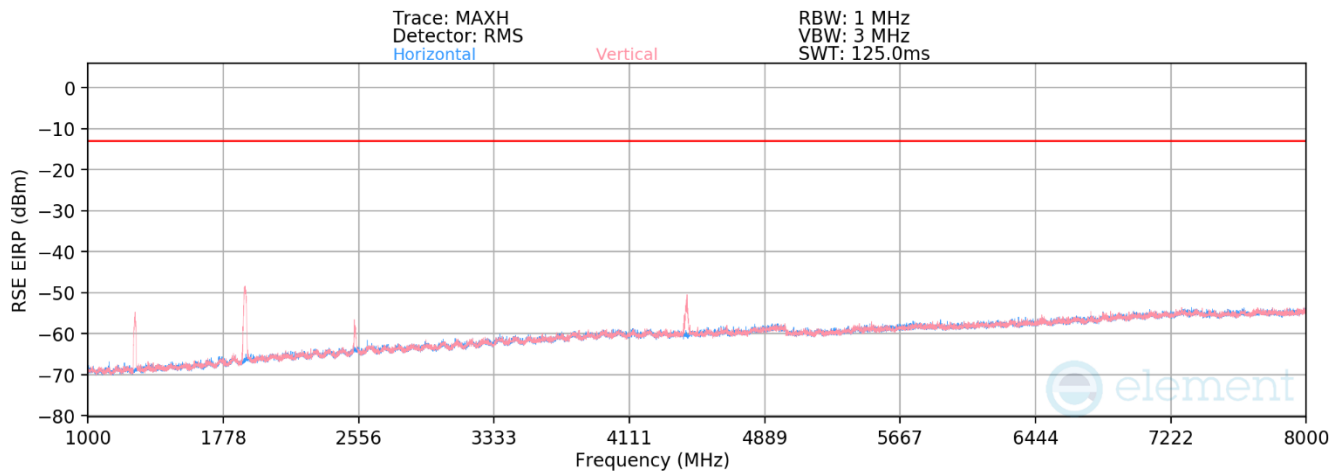
FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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**Plot 8-241. Radiated spurious emission_1 GHz to 8 GHz
(n71_1C_5M_Mid Channel)**

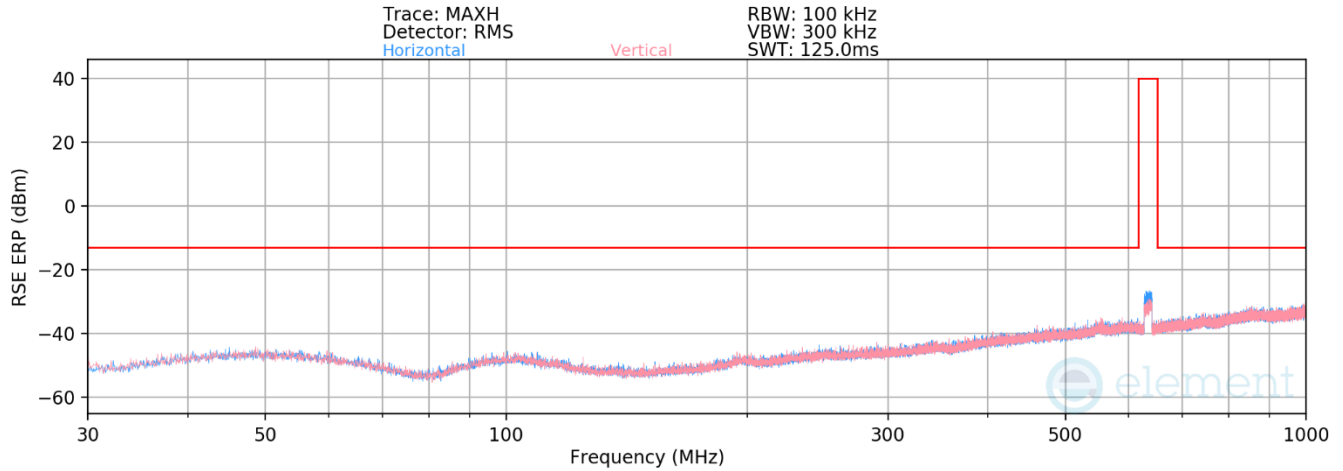


**Plot 8-242. Radiated spurious emission_30 MHz to 1000 MHz
(n71_1C_10M_Mid Channel)**

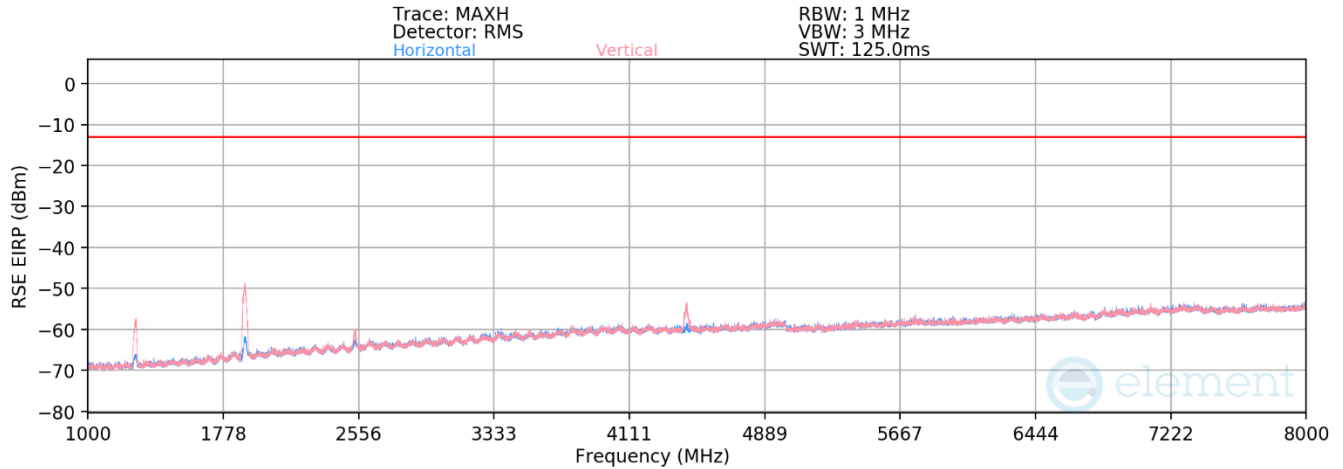


**Plot 8-243. Radiated spurious emission_1 GHz to 8 GHz
(n71_1C_10M_Mid Channel)**

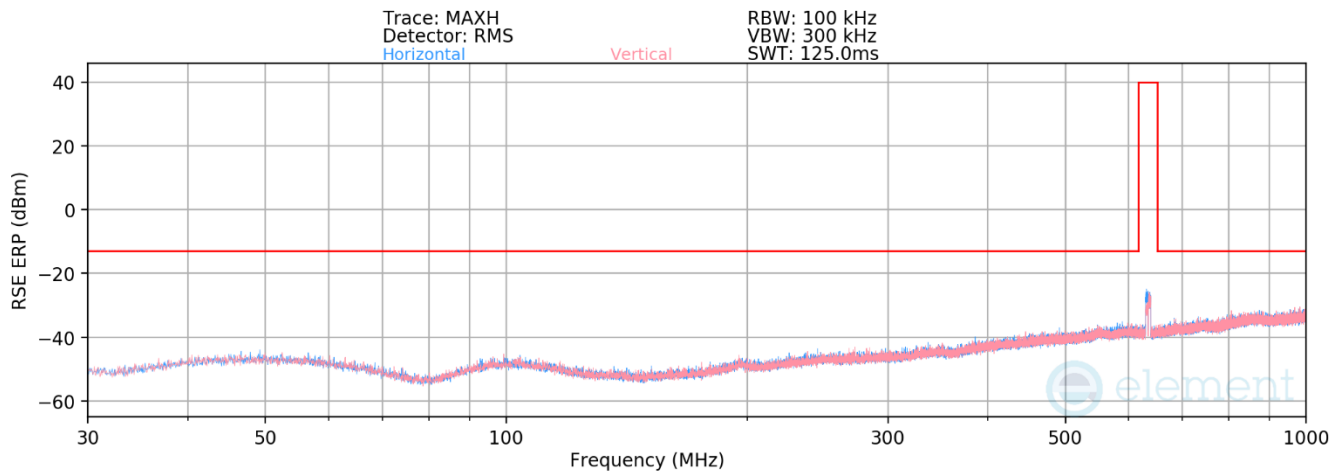
FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K24091001-00.A3L	Test Dates: 10/01/2024 - 11/29/2024	EUT Type: RRU(RF4435d)	Page 124 of 147



**Plot 8-244. Radiated spurious emission_30 MHz to 1000 MHz
(n71_1C_15M_Mid Channel)**

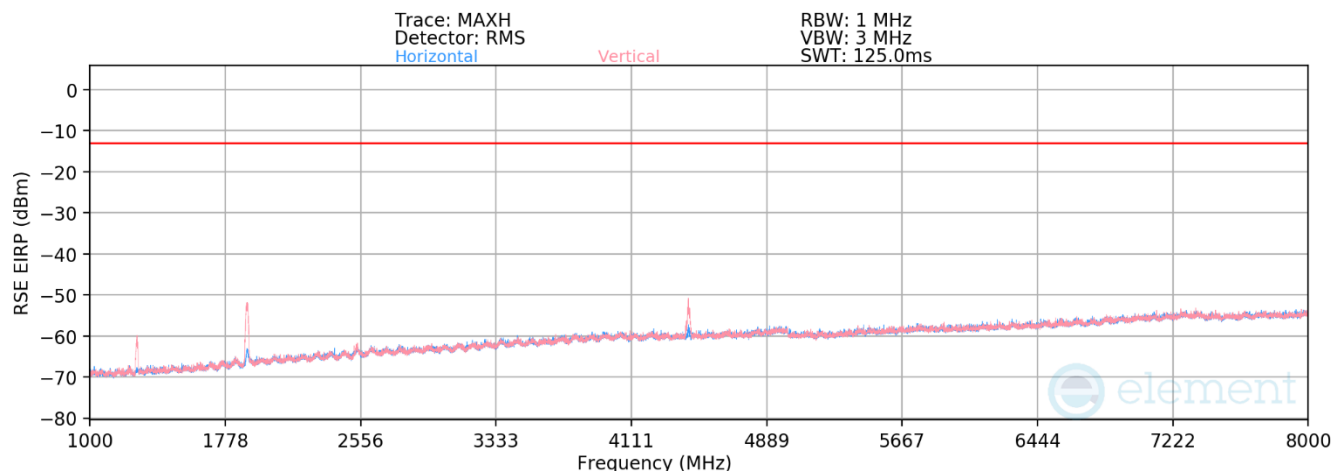


**Plot 8-245. Radiated spurious emission_1 GHz to 8 GHz
(n71_1C_15M_Mid Channel)**

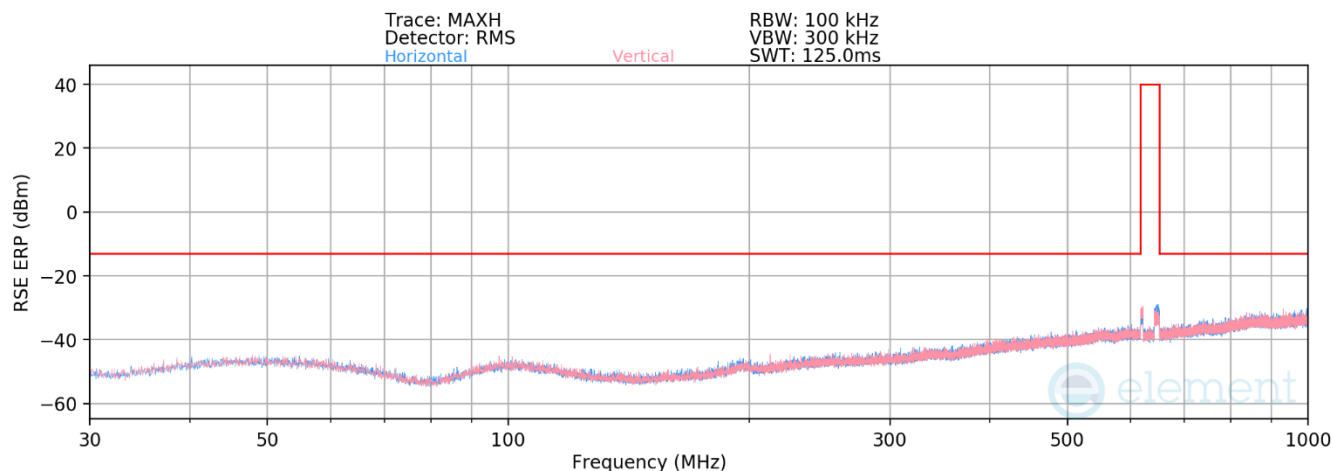


**Plot 8-246. Radiated spurious emission_30 MHz to 1000 MHz
(n71_2C_5M+5M_Mid Channel)**

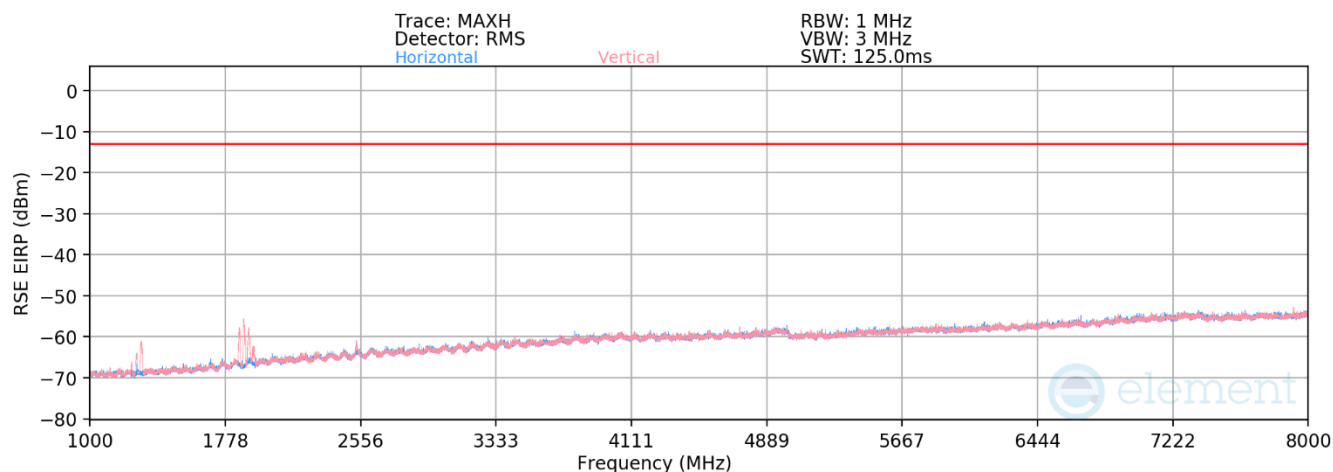
FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K24091001-00.A3L	Test Dates: 10/01/2024 - 11/29/2024	EUT Type: RRU(RF4435d)	Page 125 of 147



**Plot 8-247. Radiated spurious emission_1 GHz to 8 GHz
(n71_2C_5M+5M_Mid Channel)**

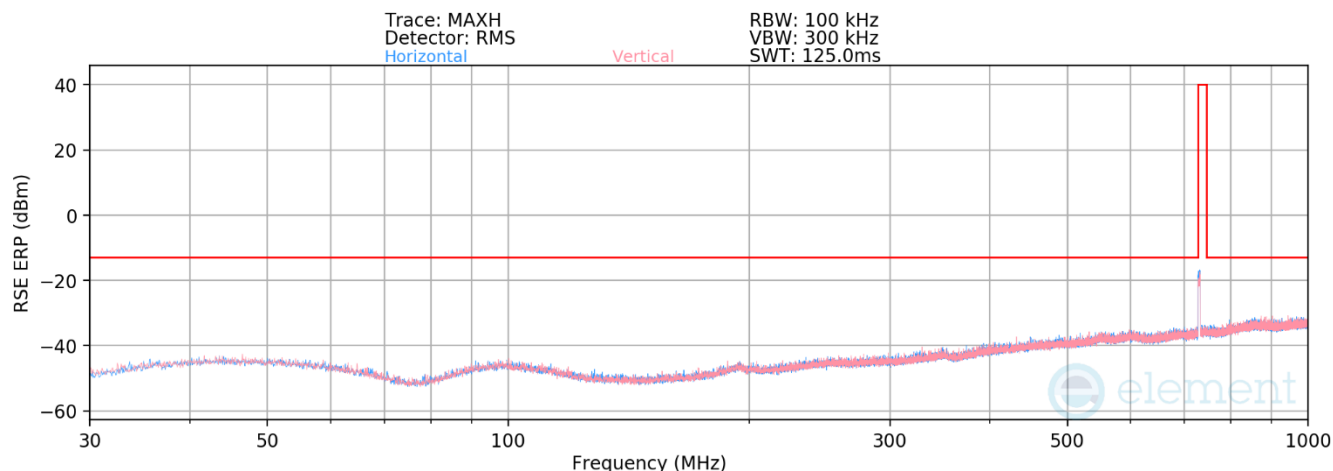


**Plot 8-248. Radiated spurious emission_30 MHz to 1000 MHz
(n71_2NC_5M+10M_Mid Channel)**

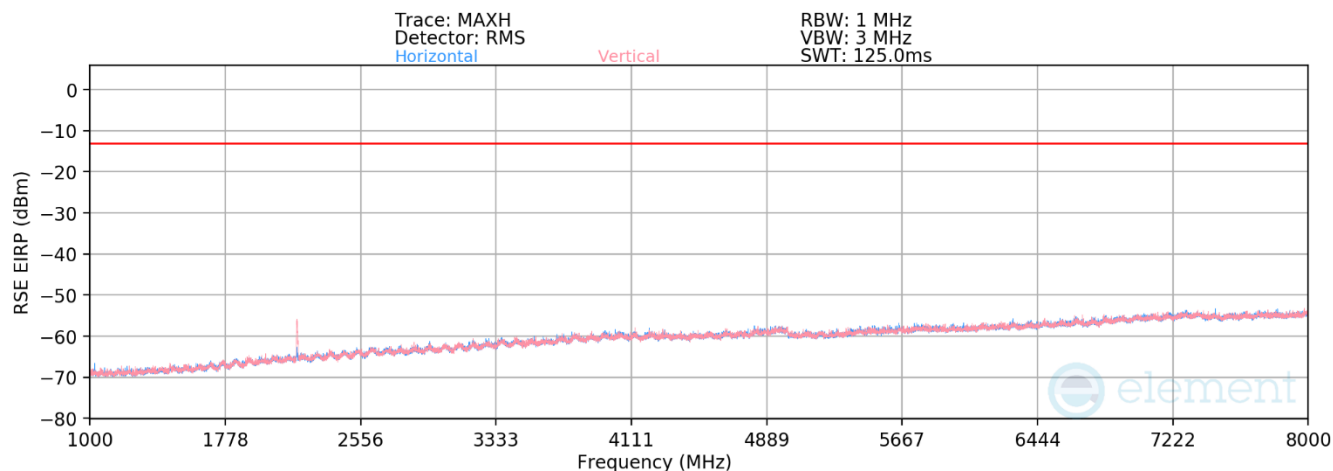


**Plot 8-249. Radiated spurious emission_1 GHz to 8 GHz
(n71_2NC_5M+10M_Mid Channel)**

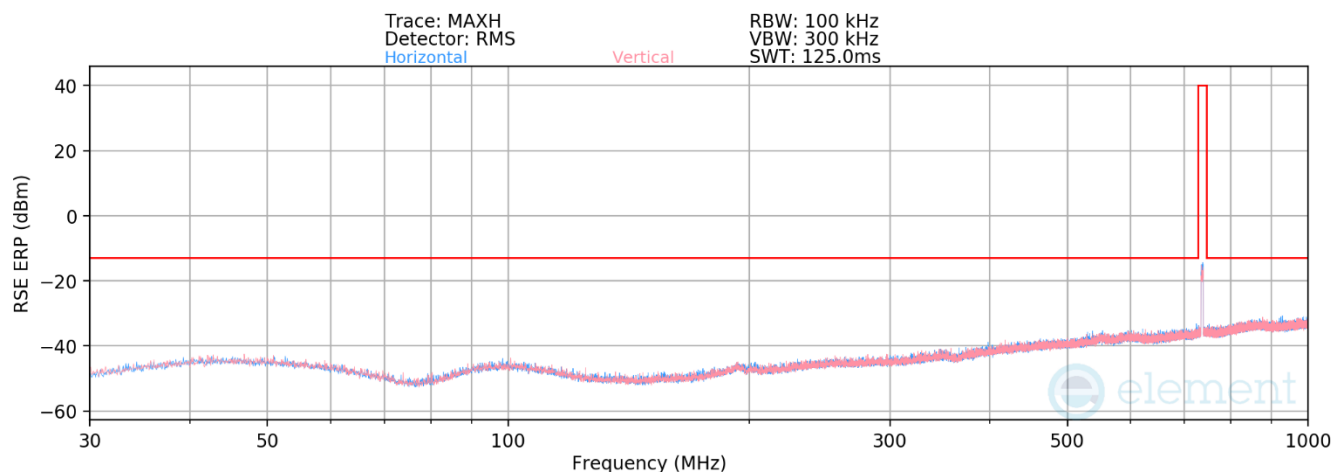
FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K24091001-00.A3L	Test Dates: 10/01/2024 - 11/29/2024	EUT Type: RRU(RF4435d)	Page 126 of 147



**Plot 8-250. Radiated spurious emission_30 MHz to 1000 MHz
(B85_1C_5M_Low Channel)**

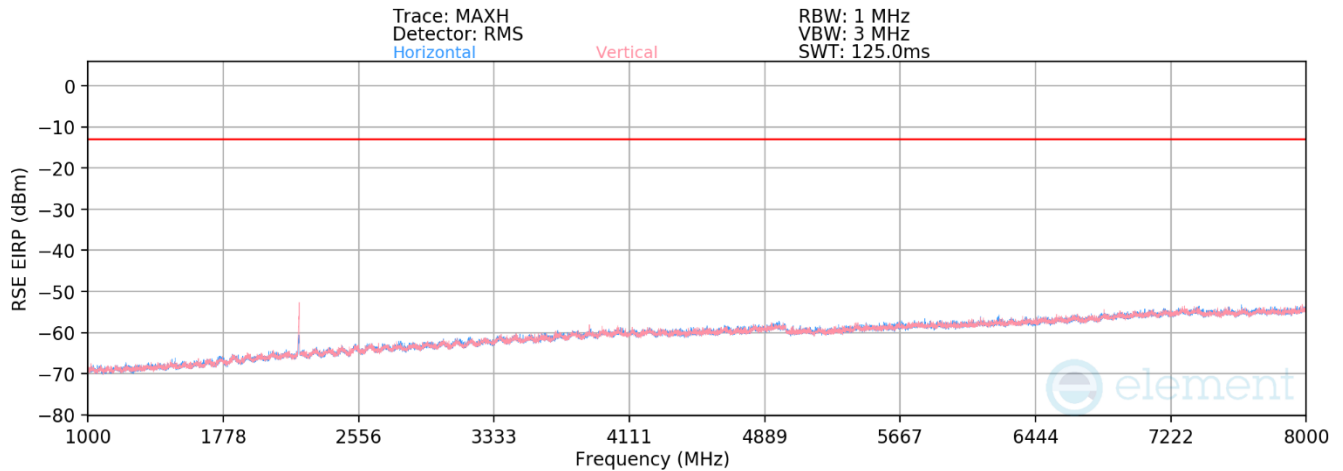


**Plot 8-251. Radiated spurious emission_1 GHz to 8 GHz
(B85_1C_5M_Low Channel)**

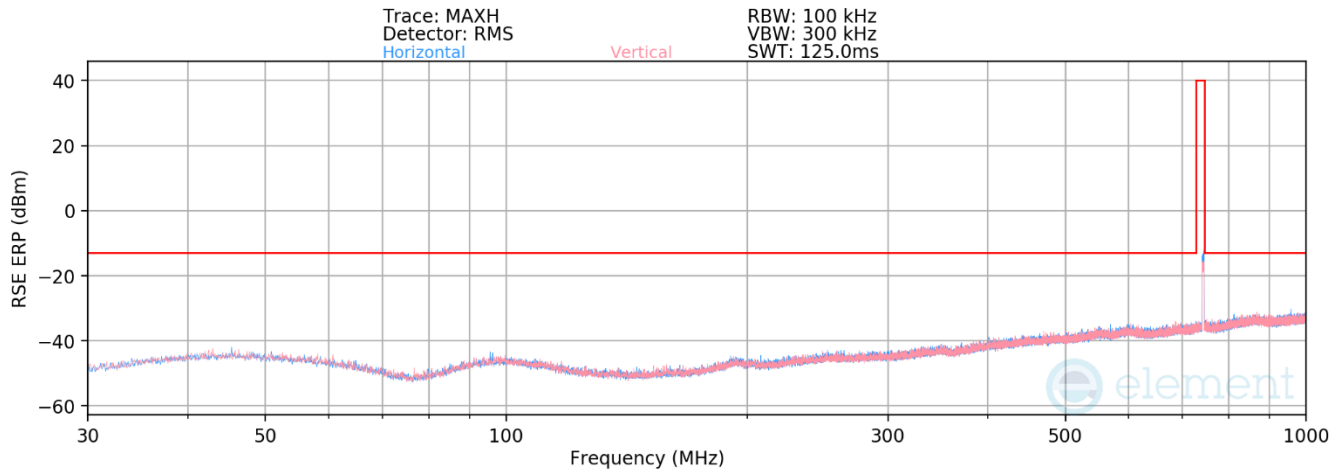


**Plot 8-252. Radiated spurious emission_30 MHz to 1000 MHz
(B85_1C_5M_Mid Channel)**

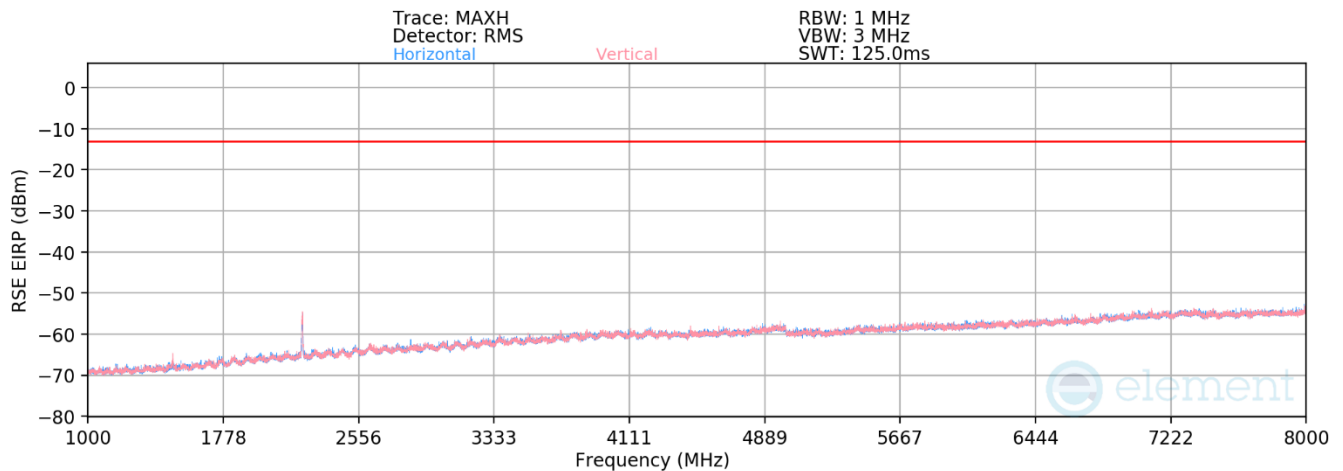
FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K24091001-00.A3L	Test Dates: 10/01/2024 - 11/29/2024	EUT Type: RRU(RF4435d)	Page 127 of 147



**Plot 8-253. Radiated spurious emission_1 GHz to 8 GHz
(B85_1C_5M_Mid Channel)**

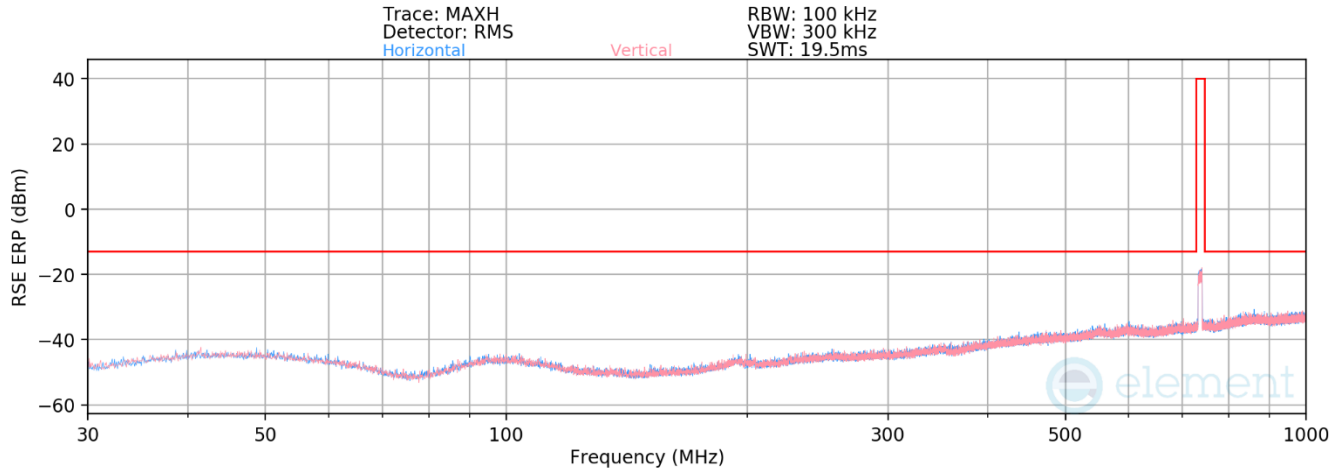


**Plot 8-254. Radiated spurious emission_30 MHz to 1000 MHz
(B85_1C_5M_High Channel)**

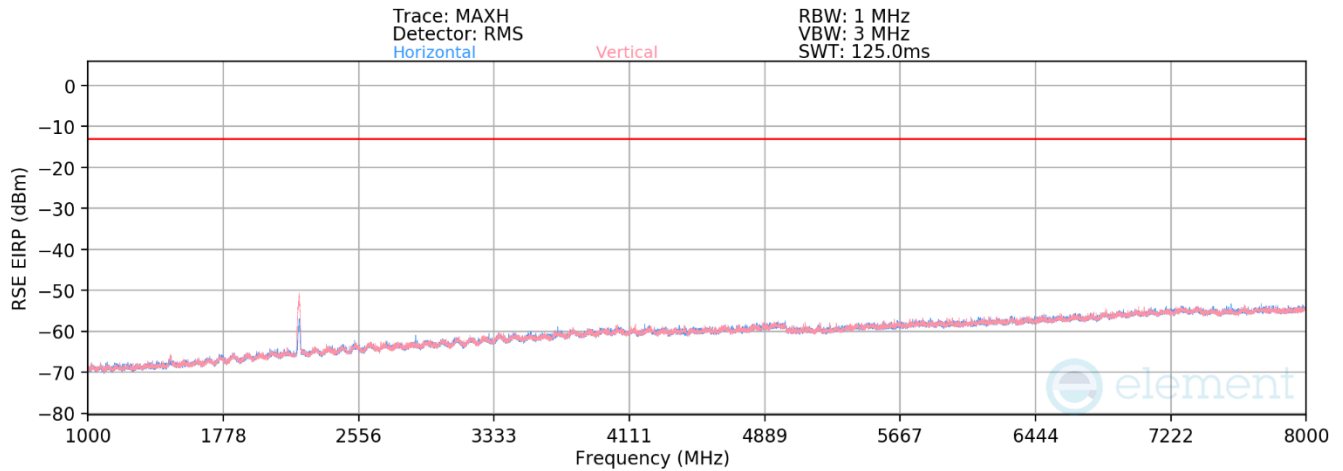


**Plot 8-255. Radiated spurious emission_1 GHz to 8 GHz
(B85_1C_5M_High Channel)**

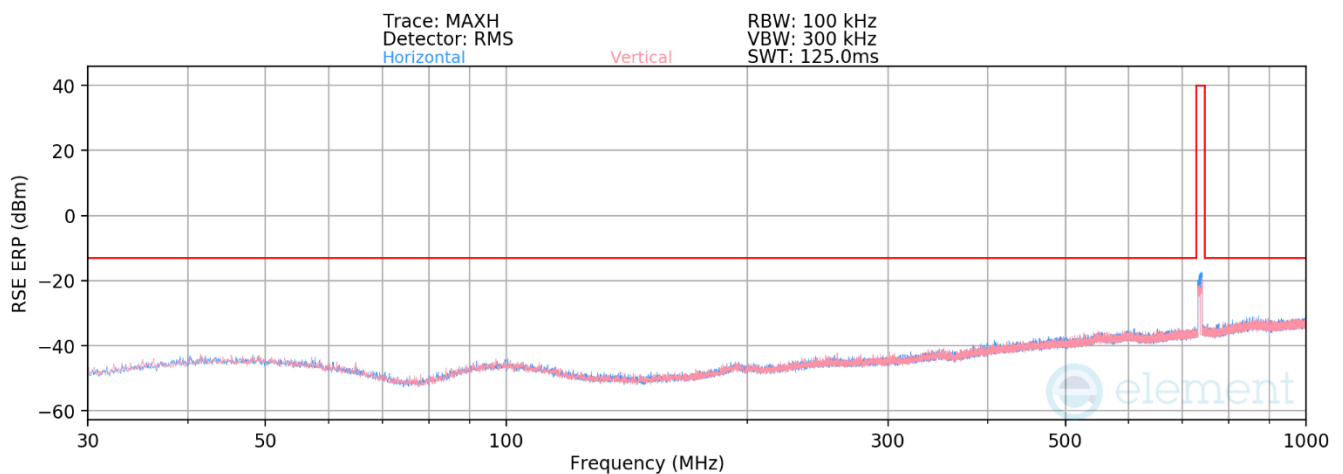
FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K24091001-00.A3L	Test Dates: 10/01/2024 - 11/29/2024	EUT Type: RRU(RF4435d)	Page 128 of 147



**Plot 8-256. Radiated spurious emission_30 MHz to 1000 MHz
(B85_1C_10M_Mid Channel)**

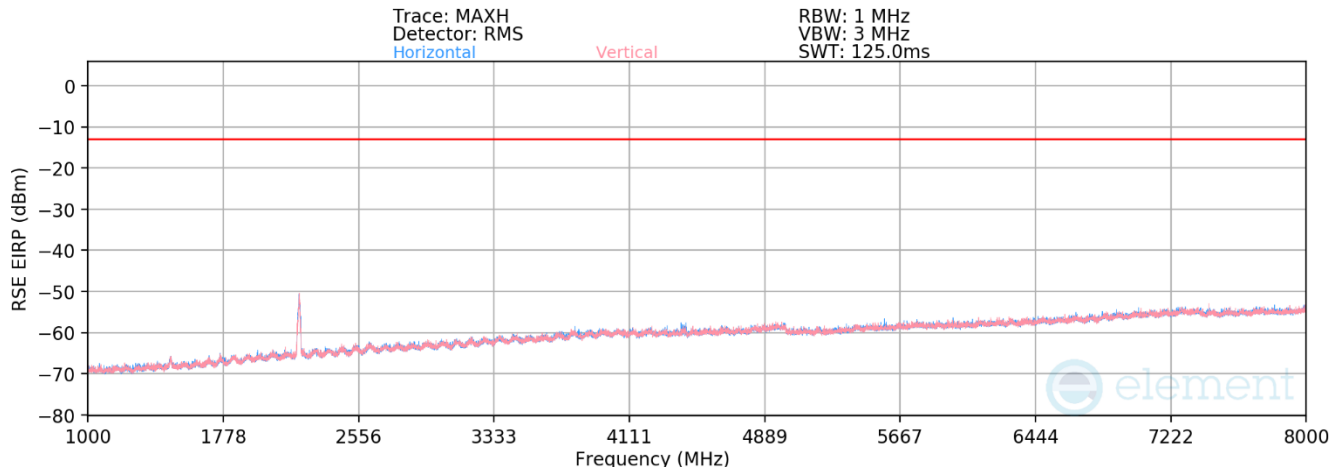


**Plot 8-257. Radiated spurious emission_1 GHz to 8 GHz
(B85_1C_10M_Mid Channel)**

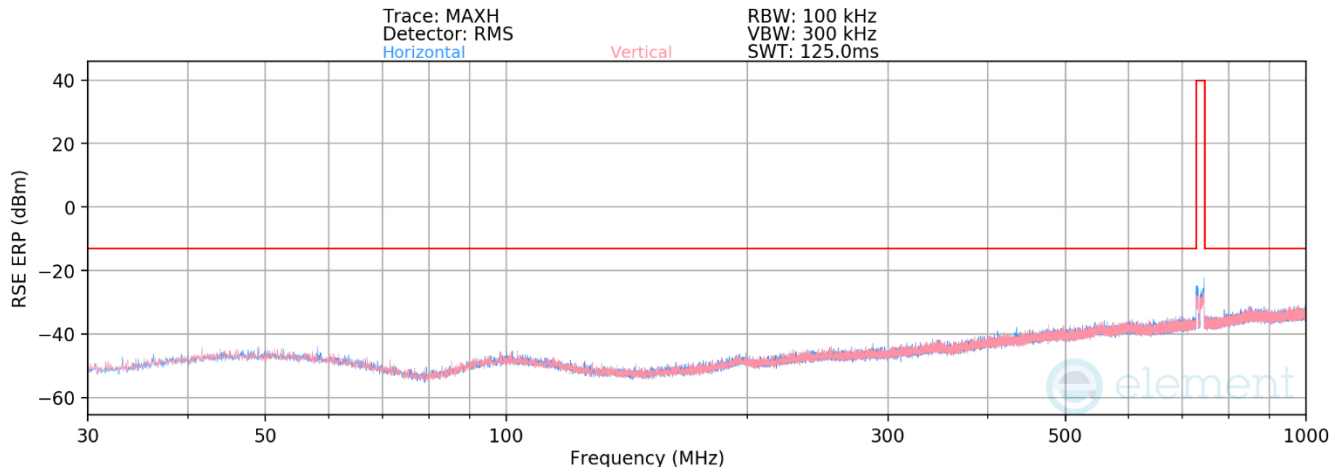


**Plot 8-258. Radiated spurious emission_30 MHz to 1000 MHz
(B85_2C_5M+5M_Mid Channel)**

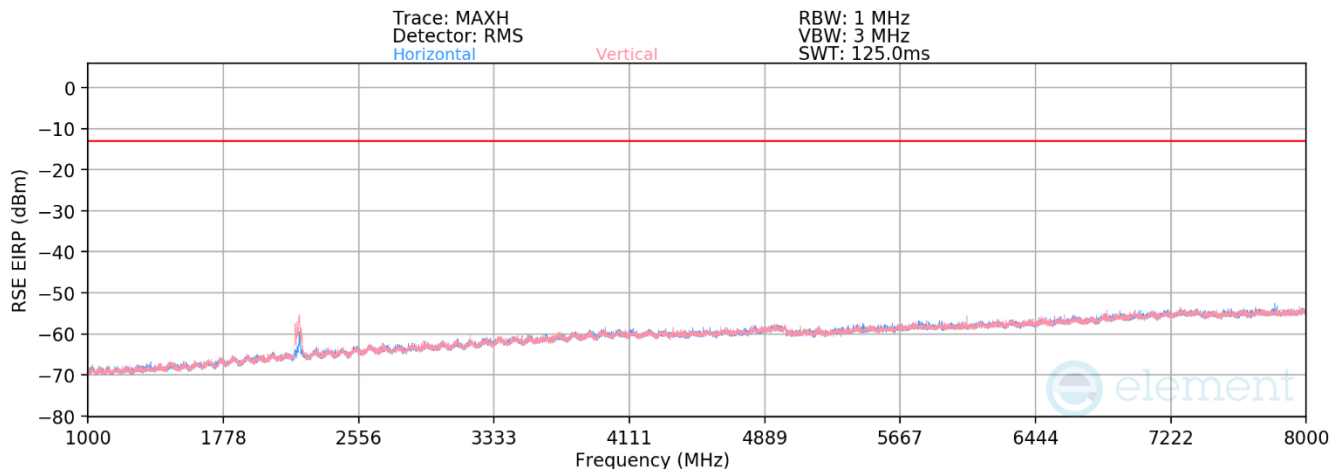
FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K24091001-00.A3L	Test Dates: 10/01/2024 - 11/29/2024	EUT Type: RRU(RF4435d)	Page 129 of 147



Plot 8-259. Radiated spurious emission_1 GHz to 8 GHz
(B85_2C_5M+5M_Mid Channel)

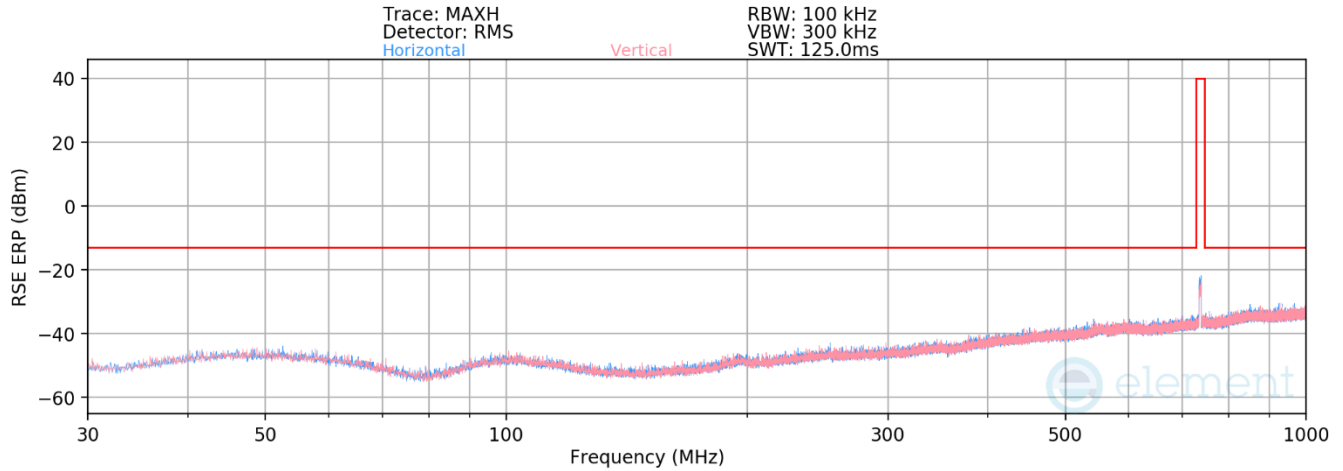


Plot 8-260. Radiated spurious emission_30 MHz to 1000 MHz
(B85_2NC_5M+10M_Mid Channel)

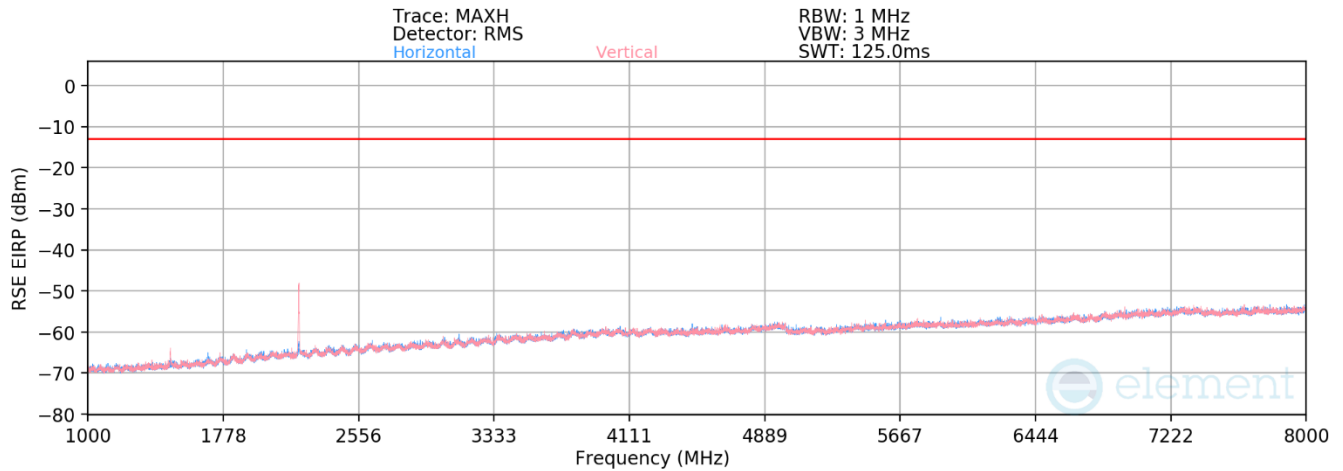


Plot 8-261. Radiated spurious emission_1 GHz to 8 GHz
(B85_2NC_5M+10M_Mid Channel)

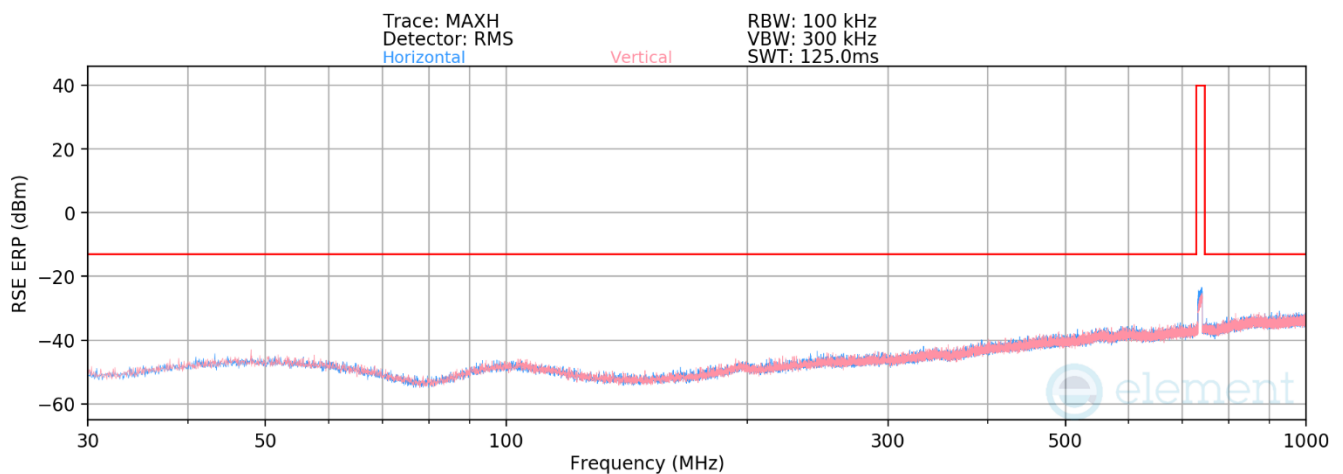
FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K24091001-00.A3L	Test Dates: 10/01/2024 - 11/29/2024	EUT Type: RRU(RF4435d)	Page 130 of 147



**Plot 8-262. Radiated spurious emission_30 MHz to 1000 MHz
(n85_1C_5M_Mid Channel)**

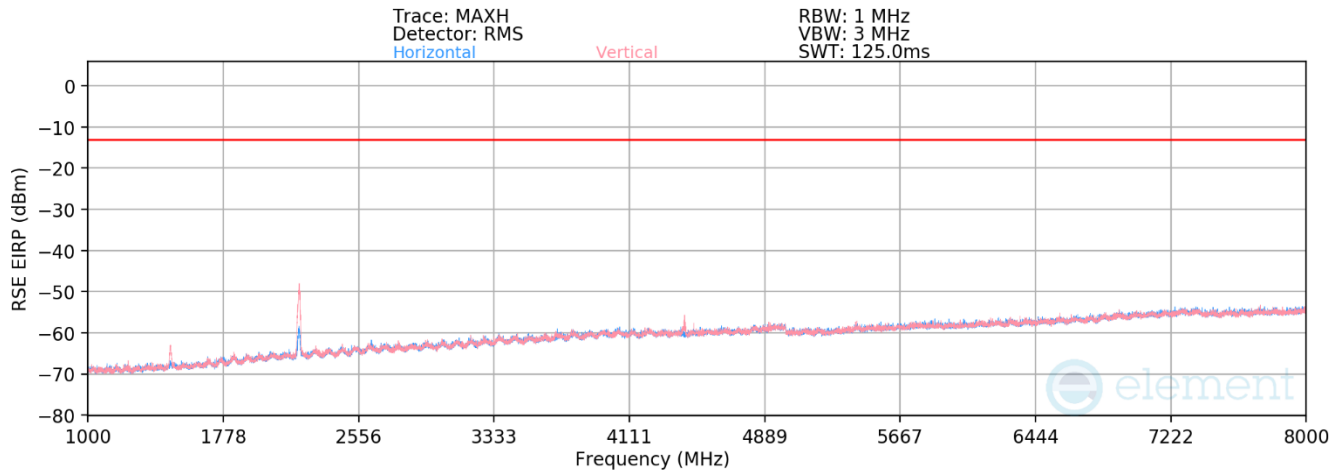


**Plot 8-263. Radiated spurious emission_1 GHz to 8 GHz
(n85_1C_5M_Mid Channel)**

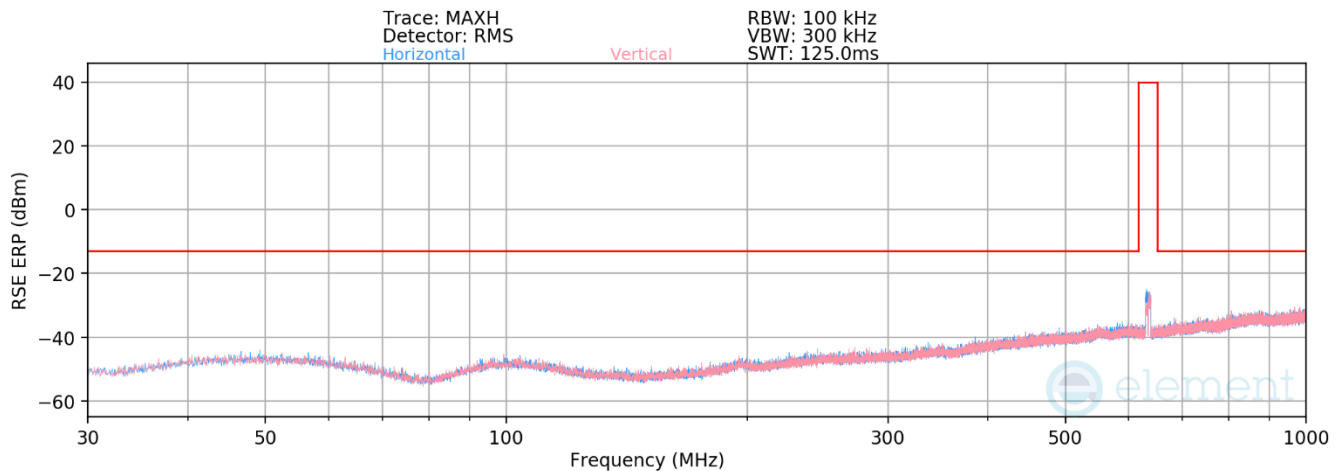


**Plot 8-264. Radiated spurious emission_30 MHz to 1000 MHz
(n85_1C_10M_Mid Channel)**

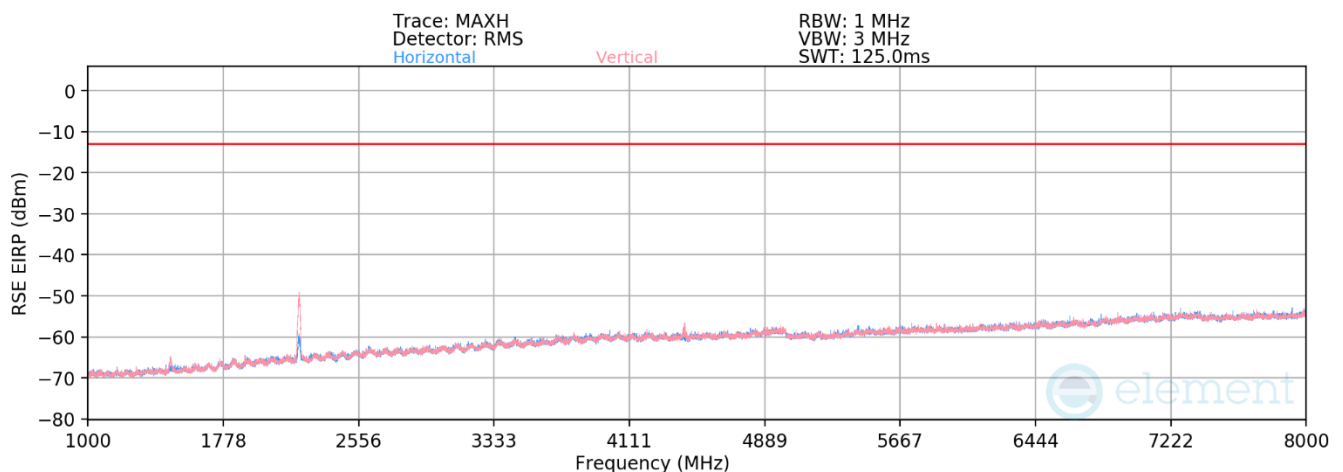
FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K24091001-00.A3L	Test Dates: 10/01/2024 - 11/29/2024	EUT Type: RRU(RF4435d)	Page 131 of 147



**Plot 8-265. Radiated spurious emission_1 GHz to 8 GHz
(n85_1C_10M_Mid Channel)**

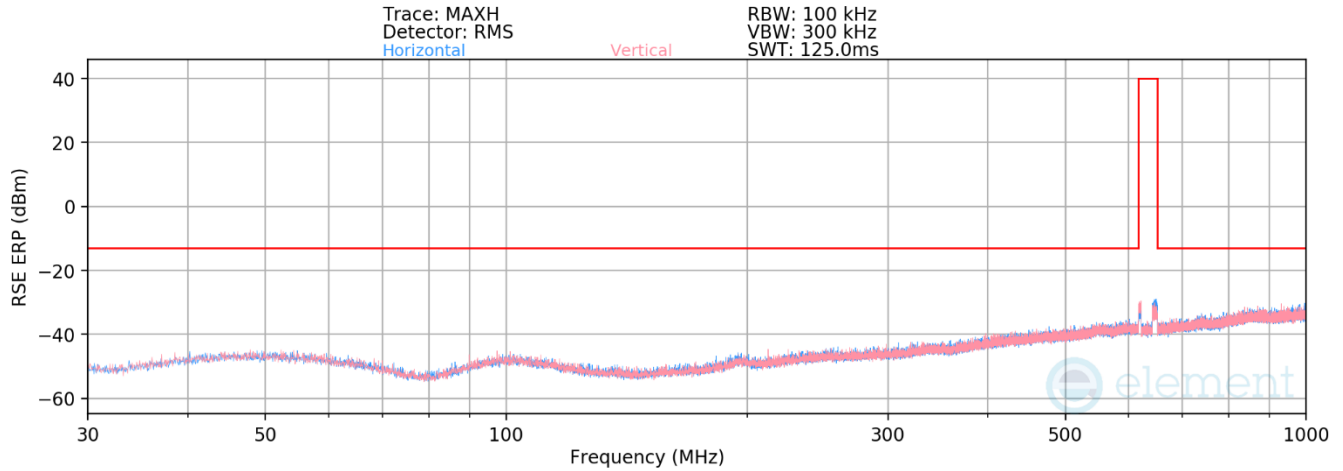


**Plot 8-266. Radiated spurious emission_30 MHz to 1000 MHz
(n85_2C_5M+5M_Mid Channel)**

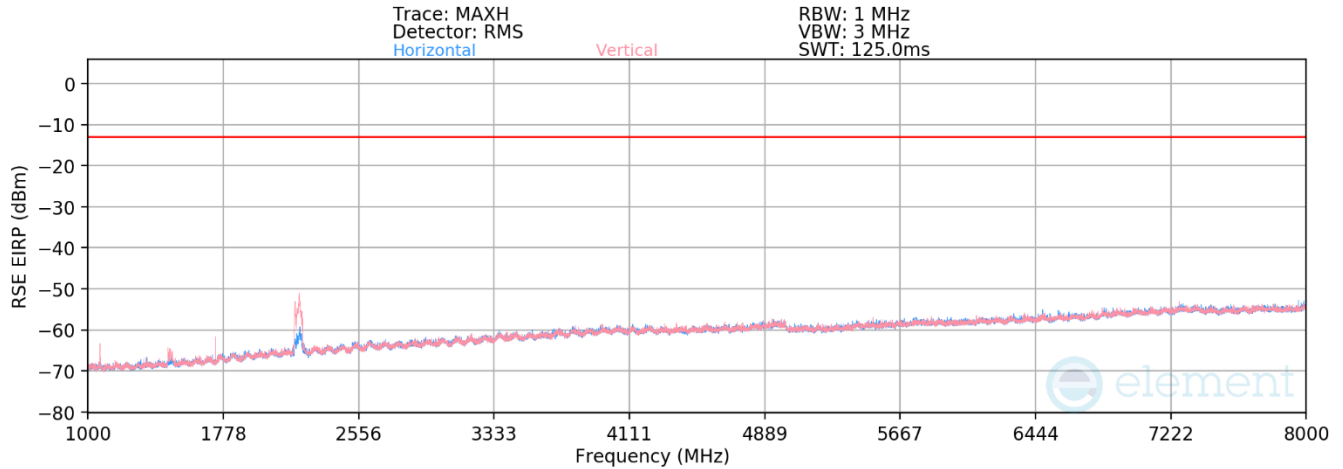


**Plot 8-267. Radiated spurious emission_1 GHz to 8 GHz
(n85_2C_5M+5M_Mid Channel)**

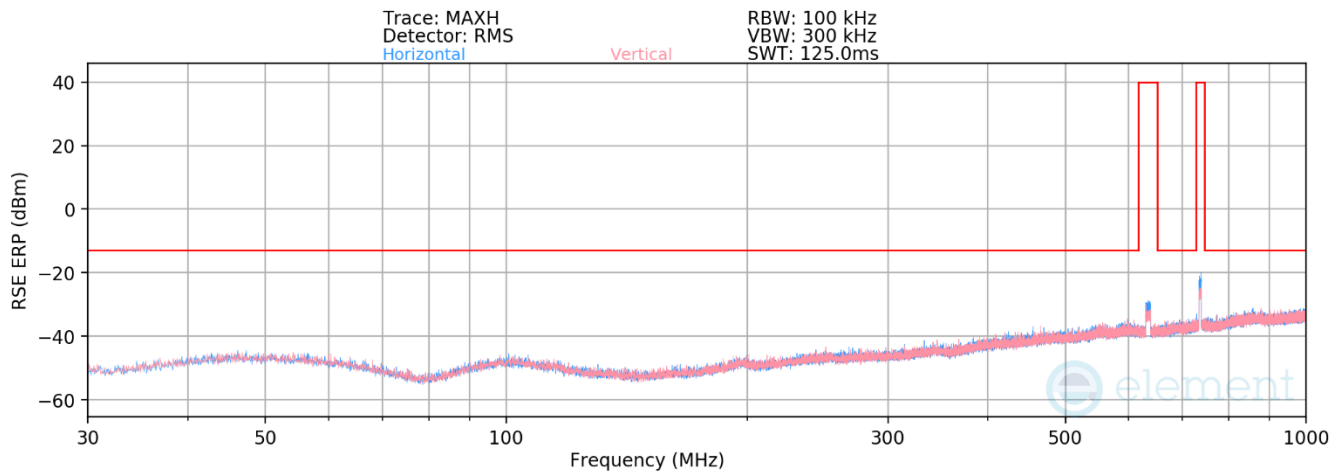
FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K24091001-00.A3L	Test Dates: 10/01/2024 - 11/29/2024	EUT Type: RRU(RF4435d)	Page 132 of 147



**Plot 8-268. Radiated spurious emission_30 MHz to 1000 MHz
(n85_2NC_5M+10M_Mid Channel)**

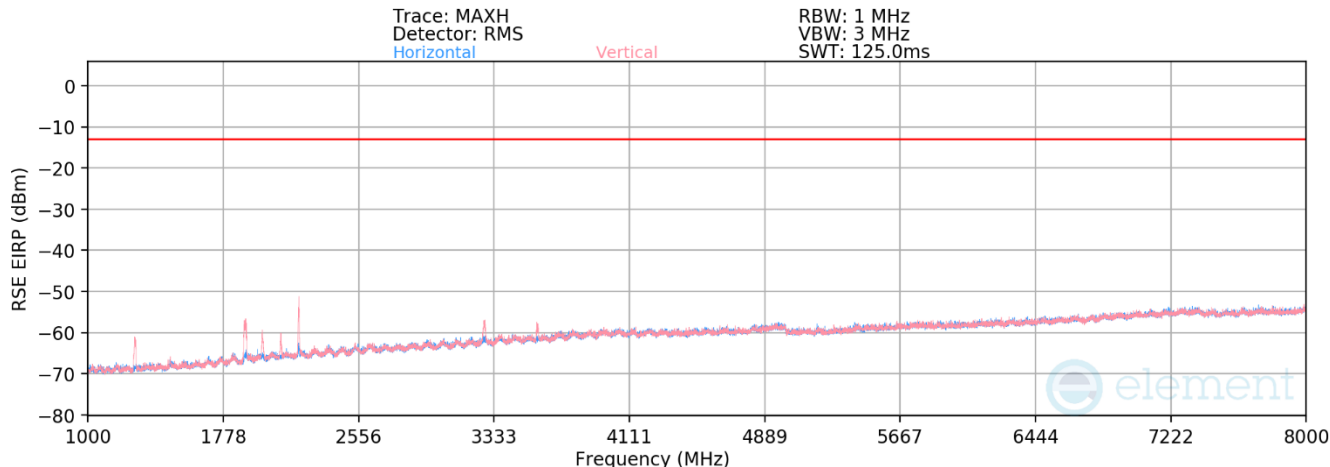


**Plot 8-269. Radiated spurious emission_1 GHz to 8 GHz
(n85_2NC_5M+10M_Mid Channel)**



**Plot 8-270. Radiated spurious emission_30 MHz to 1000 MHz
(Multi band operation B71_1C_10M + B85_1C_5M_Mid Channel)**

FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K24091001-00.A3L	Test Dates: 10/01/2024 - 11/29/2024	EUT Type: RRU(RF4435d)	Page 133 of 147



Plot 8-271. Radiated spurious emission_1 GHz to 8 GHz
(Multi band operation B71_1C_10M + B85_1C_5M_Mid Channel)

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Heigh [cm]	Turntable azimuth [degree]	Analyzer Level [dBm/MHz]	AFCL [dBm]	Field Strength [dBμV/m]	RSE EIRP [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
2210.84	V	152	332	-53.39	-5.01	48.60	-46.66	-13.00	-33.66
2211.37	H	158	292	-63.52	-5.01	38.47	-56.78	-13.00	-43.78
4424.88	V	162	330	-70.15	0.46	37.31	-57.95	-13.00	-44.95
4421.69	H	154	301	-71.72	0.50	35.78	-59.48	-13.00	-46.48

Table 8-82. Radiated spurious emission Worst case Summary Data
(n85_1C_10M_Mid Channel)

Note. All detected emissions are more than 20 dB below the permissible limit.

FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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9.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the **Samsung RRU(RF4435d) FCC ID: A3LRF4435D-71A** complies with all of the requirements of Part 27 FCC Rules.

FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K24091001-00.A3L	Test Dates: 10/01/2024 - 11/29/2024	EUT Type: RRU(RF4435d)	Page 135 of 147

10.0 APPENDIX. A

10.1 Conducted Average Output Power

Test Overview

A transmitter port of EUT is connected to the input of a signal analyzer. All measurements are performed as RMS average measurements while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies.

Test Description

KDB 971168 D01 v03r01 – Section 5

KDB 662911 D01 v02r01 – Section E)1) In-Band Power Measurements

ANSI C63.26-2015 – Section 5.2.4.4.1

The measurement was made using a direct connection between the RF output of the EUT and the spectrum analyzer. The spectrum analyzer settings were as follows:

1. Conducted power measurements are performed using the signal analyzer's "channel power" measurement capability for signals with continuous operation.
2. RBW = 1 ~ 5% of the expected OBW
3. VBW $\geq 3 \times$ RBW
4. Span = 2 ~ 3 x OBW
5. No. of sweep points $\geq 2 \times$ span / RBW
6. Detector = RMS
7. Trigger Settings is set to "RF Power" for signals with non-continuous operation with the sweep times set to "auto". Refer test note 3 for details.
8. Trace mode = Trace-Averaging (RMS) set to average over 100 sweeps
9. The trace was allowed to stabilize

Test Setup

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

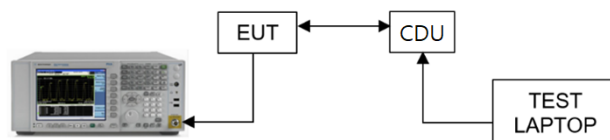


Figure 10-1. Test Instrument & Measurement Setup

Limit

N/A

FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K24091001-00.A3L	Test Dates: 10/01/2024 - 11/29/2024	EUT Type: RRU(RF4435d)	Page 136 of 147

Note

1. Result for reference maximum average power level of RF Exposure is under section 10.1.
2. MIMO Calculations are done considering output channel power for all ports and respective margins are calculated according to procedures in section 6.4 of ANSI C63.26 and section D of KDB 971168 D01 v03r01.
3. Consider the following factors for MIMO Power:
 Conducted power for each port is measured in dBm.
 Powers are summed up in linear using the measure-and-sum technique defined in KDB 971168 D01 v03r01- Section D. Conducted power per port (dBm) is converted to a linear value (mW). A summation of linear powers for all ports gives us the total MIMO conducted power in milliWatts (mW).
4. Sample Calculation:
 Let us assume the following numbers:
 - a) Total MIMO Conducted Power as 142558.66 mW
 - b)

Factors		Value	Unit
Summed MIMO Conducted Power (linear sum)		140310.43	mW
Summed MIMO Conducted Power (dBm)	$= 10 * \log (140310.43)$	51.47	dBm

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Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	45.06	45.16	45.20	45.10
	1	45.26	45.29	45.39	45.25
	2	45.83	46.05	45.93	45.91
	3	45.61	45.78	45.77	45.70
	Total Conducted Power (mW)	140310.43	144731.97	144638.46	142003.63
	Total Conducted Power(dBm)	51.47	51.61	51.60	51.52
Mid	0	45.06	45.26	45.29	45.21
	1	45.47	45.43	45.51	45.48
	2	45.86	45.71	45.81	45.82
	3	45.71	45.60	45.64	45.56
	Total Conducted Power (mW)	143086.79	142034.77	144119.96	142677.12
	Total Conducted Power(dBm)	51.56	51.52	51.59	51.54
High	0	45.45	45.03	45.22	45.05
	1	45.40	45.44	45.48	45.31
	2	45.70	45.69	45.81	45.68
	3	45.50	45.41	45.50	45.45
	Total Conducted Power (mW)	142383.73	138658.18	142172.19	138009.48
	Total Conducted Power(dBm)	51.53	51.42	51.53	51.40

Table 10-1. Conducted Average Output Power Table (B71_1C_5M)

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	48.13	48.08	48.05	48.15
	1	48.30	48.15	48.09	48.10
	2	48.76	48.57	48.56	48.56
	3	48.71	48.56	48.54	48.57
	Total Conducted Power (mW)	282085.47	273306.15	271472.34	273602.81
	Total Conducted Power(dBm)	54.50	54.37	54.34	54.37
Mid	0	48.24	48.11	48.12	48.11
	1	48.50	48.29	48.35	48.33
	2	48.76	48.77	48.71	48.66
	3	48.74	48.69	48.73	48.70
	Total Conducted Power (mW)	287454.49	281463.15	282201.40	280373.61
	Total Conducted Power(dBm)	54.59	54.49	54.51	54.48
High	0	48.22	48.04	48.17	48.13
	1	48.35	48.27	48.23	48.24
	2	48.74	48.67	48.61	48.55
	3	48.48	48.48	48.53	48.56
	Total Conducted Power (mW)	280051.73	274912.45	276037.74	275087.42
	Total Conducted Power(dBm)	54.47	54.39	54.41	54.39

Table 10-2. Conducted Average Output Power Table (B71_1C_10M)

FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
Test Report S/N: 8K24091001-00.A3L	Test Dates: 10/01/2024 - 11/29/2024	EUT Type: RRU(RF4435d)	Page 138 of 147

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	48.04	48.17	48.10	48.06
	1	48.19	48.18	48.21	48.20
	2	48.59	48.57	48.53	48.62
	3	48.48	48.54	48.53	48.54
	Total Conducted Power (mW)	272343.23	274774.84	273357.68	274270.44
	Total Conducted Power(dBm)	54.35	54.39	54.37	54.38
Mid	0	48.06	48.18	48.19	48.10
	1	48.33	48.30	48.36	48.33
	2	48.73	48.68	48.60	48.69
	3	48.62	48.47	48.62	48.71
	Total Conducted Power (mW)	279473.28	277471.74	279687.79	280904.80
	Total Conducted Power(dBm)	54.46	54.43	54.47	54.49
High	0	48.07	48.37	48.12	48.08
	1	48.22	48.28	48.19	48.15
	2	48.51	48.59	48.44	48.50
	3	48.56	48.46	48.37	48.36
	Total Conducted Power (mW)	273232.47	278427.02	269310.92	268925.23
	Total Conducted Power(dBm)	54.37	54.45	54.30	54.30

Table 10-3. Conducted Average Output Power Table (B71_1C_15M)

Channel	Port	QPSK	16QAM
Low	0	48.06	48.13
	1	48.23	48.20
	2	48.58	48.55
	3	48.55	48.51
	Total Conducted Power (mW)	274225.89	273654.43
	Total Conducted Power(dBm)	54.38	54.37
Mid	0	48.15	48.05
	1	48.37	48.20
	2	48.70	48.60
	3	48.62	48.46
	Total Conducted Power (mW)	280928.90	272484.82
	Total Conducted Power(dBm)	54.49	54.35
High	0	48.06	48.19
	1	48.25	48.39
	2	48.58	48.49
	3	48.52	48.31
	Total Conducted Power (mW)	274039.97	273337.28
	Total Conducted Power(dBm)	54.38	54.37

Table 10-4. Conducted Average Output Power Table (B71_2C_5M+5M)

FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port	QPSK	16QAM
Low	0	48.14	48.13
	1	48.34	48.16
	2	48.87	48.55
	3	48.76	48.45
	Total Conducted Power (mW)	285649.35	272075.13
	Total Conducted Power(dBm)	54.56	54.35
Mid	0	48.14	48.12
	1	48.46	48.47
	2	48.81	48.80
	3	48.74	48.80
	Total Conducted Power (mW)	286157.95	286886.19
	Total Conducted Power(dBm)	54.57	54.58
High	0	48.31	48.13
	1	48.38	48.40
	2	48.79	48.79
	3	48.76	48.77
	Total Conducted Power (mW)	287474.96	285214.91
	Total Conducted Power(dBm)	54.59	54.55

Table 10-5. Conducted Average Output Power Table (B71_2C_5M+10M)

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	45.33	45.36	45.40	45.38
	1	45.39	45.42	45.41	45.49
	2	45.84	45.79	45.81	45.89
	3	45.78	45.76	45.67	45.87
	Total Conducted Power (mW)	144928.21	144791.40	144431.64	147365.84
	Total Conducted Power(dBm)	51.61	51.61	51.60	51.68
Mid	0	45.41	45.49	45.36	45.26
	1	45.59	45.55	45.49	45.58
	2	45.96	45.84	45.88	45.93
	3	45.80	45.76	45.83	45.83
	Total Conducted Power (mW)	148442.59	147333.03	146763.77	147171.41
	Total Conducted Power(dBm)	51.72	51.68	51.67	51.68
High	0	45.42	45.38	45.21	45.08
	1	45.49	45.48	45.37	45.42
	2	45.79	45.83	45.79	45.76
	3	45.68	45.65	45.70	45.61
	Total Conducted Power (mW)	145147.78	144843.40	142709.46	141106.30
	Total Conducted Power(dBm)	51.62	51.61	51.54	51.50

Table 10-6. Conducted Average Output Power Table (n71_1C_5M)

FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	48.18	48.13	48.23	48.08
	1	48.32	48.41	48.42	48.37
	2	49.02	49.09	48.85	48.72
	3	48.74	48.73	48.76	48.71
	Total Conducted Power (mW)	288302.57	290096.53	287928.19	281750.73
	Total Conducted Power(dBm)	54.60	54.63	54.59	54.50
Mid	0	48.16	48.04	48.14	48.26
	1	48.54	48.53	48.55	48.46
	2	49.39	49.09	49.03	48.97
	3	48.82	48.84	48.85	48.77
	Total Conducted Power (mW)	300017.19	292620.62	293496.75	291355.56
	Total Conducted Power(dBm)	54.77	54.66	54.68	54.64
High	0	48.11	48.27	48.04	48.24
	1	48.46	48.48	48.50	48.45
	2	49.11	48.91	48.96	48.91
	3	48.63	48.75	48.76	48.57
	Total Conducted Power (mW)	289275.97	290405.27	288341.00	286413.43
	Total Conducted Power(dBm)	54.61	54.63	54.60	54.57

Table 10-7. Conducted Average Output Power Table (n71_1C_10M)

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	48.20	48.45	48.34	48.26
	1	48.31	48.40	48.47	48.41
	2	48.84	49.04	48.88	48.93
	3	48.70	48.83	48.86	48.83
	Total Conducted Power (mW)	284524.18	295718.68	292722.20	290877.40
	Total Conducted Power(dBm)	54.54	54.71	54.66	54.64
Mid	0	48.24	48.36	48.18	48.17
	1	48.52	48.52	48.51	48.55
	2	48.97	48.97	48.98	48.96
	3	48.70	48.87	48.80	48.74
	Total Conducted Power (mW)	290819.06	295646.53	291649.18	290750.40
	Total Conducted Power(dBm)	54.64	54.71	54.65	54.64
High	0	48.05	48.15	48.15	48.23
	1	48.47	48.44	48.47	48.41
	2	49.10	48.81	48.88	48.81
	3	48.73	48.72	48.62	48.61
	Total Conducted Power (mW)	290061.51	285642.12	285666.33	284513.12
	Total Conducted Power(dBm)	54.62	54.56	54.56	54.54

Table 10-8. Conducted Average Output Power Table (n71_1C_15M)

FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port	QPSK	16QAM
Low	0	48.11	48.14
	1	48.28	48.26
	2	49.00	48.85
	3	48.55	48.46
	Total Conducted Power (mW)	283059.09	279032.98
	Total Conducted Power(dBm)	54.52	54.46
Mid	0	48.09	48.14
	1	48.41	48.44
	2	48.92	48.99
	3	48.69	48.80
	Total Conducted Power (mW)	285703.05	290093.97
	Total Conducted Power(dBm)	54.56	54.63
High	0	48.20	48.08
	1	48.44	48.39
	2	48.91	48.80
	3	48.63	48.60
	Total Conducted Power (mW)	286641.99	281594.11
	Total Conducted Power(dBm)	54.57	54.50

Table 10-9. Conducted Average Output Power Table (n71_2C_5M+5M)

Channel	Port	QPSK	16QAM
Low	0	48.23	48.31
	1	48.72	48.47
	2	49.08	49.09
	3	49.00	48.76
	Total Conducted Power (mW)	301342.93	294329.78
	Total Conducted Power(dBm)	54.79	54.69
Mid	0	48.40	48.26
	1	48.54	48.55
	2	49.06	49.04
	3	48.86	48.94
	Total Conducted Power (mW)	298083.62	297113.57
	Total Conducted Power(dBm)	54.74	54.73
High	0	48.32	48.32
	1	48.45	48.52
	2	48.97	48.99
	3	48.71	48.57
	Total Conducted Power (mW)	291092.49	290236.75
	Total Conducted Power(dBm)	54.64	54.63

Table 10-10. Conducted Average Output Power Table (n71_2C_5M+10M)

FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	45.51	45.55	45.55	45.56
	1	45.52	45.59	45.50	45.46
	2	45.88	45.91	45.86	45.86
	3	45.63	45.69	45.69	45.66
	Total Conducted Power (mW)	146493.49	148178.76	146989.44	146491.71
	Total Conducted Power(dBm)	51.66	51.71	51.67	51.66
Mid	0	45.67	45.61	45.61	45.58
	1	45.53	45.50	45.51	45.47
	2	45.93	45.95	45.90	45.91
	3	45.81	45.69	45.72	45.77
	Total Conducted Power (mW)	149905.81	148295.92	148184.17	148129.49
	Total Conducted Power(dBm)	51.76	51.71	51.71	51.71
High	0	45.47	45.44	45.55	45.48
	1	45.51	45.46	45.46	45.43
	2	45.87	45.89	45.80	45.80
	3	45.72	45.67	45.68	45.72
	Total Conducted Power (mW)	146761.93	145863.36	146050.00	145576.30
	Total Conducted Power(dBm)	51.67	51.64	51.65	51.63

Table 10-11. Conducted Average Output Power Table (B85_1C_5M)

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	48.37	48.46	48.37	48.32
	1	48.16	48.40	48.43	48.49
	2	48.42	48.69	48.77	48.73
	3	48.61	48.56	48.61	48.59
	Total Conducted Power (mW)	276283.49	285068.58	286315.65	285473.97
	Total Conducted Power(dBm)	54.41	54.55	54.57	54.56
Mid	0	48.33	48.42	48.18	48.44
	1	48.42	48.40	48.13	48.40
	2	48.86	48.71	48.38	48.54
	3	48.57	48.54	48.57	48.64
	Total Conducted Power (mW)	286437.31	284437.08	271588.88	283569.88
	Total Conducted Power(dBm)	54.57	54.54	54.34	54.53
High	0	48.55	48.45	48.33	48.26
	1	48.47	48.40	48.40	48.42
	2	48.45	48.51	48.71	48.49
	3	48.49	48.48	48.51	48.51
	Total Conducted Power (mW)	282537.53	280594.38	282519.72	278080.42
	Total Conducted Power(dBm)	54.51	54.48	54.51	54.44

Table 10-12. Conducted Average Output Power Table (B85_1C_10M)

FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port	QPSK	16QAM
Low	0	48.36	48.25
	1	48.31	48.39
	2	48.56	48.57
	3	48.32	48.35
	Total Conducted Power (mW)	276012.77	276194.43
	Total Conducted Power(dBm)	54.41	54.41
Mid	0	48.20	48.32
	1	48.47	48.39
	2	48.68	48.77
	3	48.58	48.48
	Total Conducted Power (mW)	282277.75	282749.21
	Total Conducted Power(dBm)	54.51	54.51
High	0	48.56	48.37
	1	48.43	48.29
	2	48.59	48.70
	3	48.50	48.42
	Total Conducted Power (mW)	284513.64	279793.10
	Total Conducted Power(dBm)	54.54	54.47

Table 10-13. Conducted Average Output Power Table (B85_2C_5M+5M)

Channel	Port	QPSK	16QAM
Low	0	48.38	48.34
	1	48.27	48.11
	2	48.44	48.21
	3	48.56	48.30
	Total Conducted Power (mW)	277610.78	266778.08
	Total Conducted Power(dBm)	54.43	54.26
Mid	0	48.37	48.67
	1	48.44	48.44
	2	48.54	48.83
	3	48.64	48.49
	Total Conducted Power (mW)	283093.63	290459.28
	Total Conducted Power(dBm)	54.52	54.63
High	0	48.46	48.11
	1	48.07	48.40
	2	48.51	48.43
	3	48.61	48.36
	Total Conducted Power (mW)	277834.86	272108.83
	Total Conducted Power(dBm)	54.44	54.35

Table 10-14. Conducted Average Output Power Table (B85_2C_5M+10M)

FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	45.64	45.62	45.56	45.59
	1	45.60	45.61	45.53	45.62
	2	45.92	45.97	45.84	45.81
	3	45.66	45.75	45.74	45.73
	Total Conducted Power (mW)	148848.55	149987.30	147570.24	148217.34
	Total Conducted Power(dBm)	51.73	51.76	51.69	51.71
Mid	0	45.67	45.62	45.68	45.72
	1	45.59	45.50	45.57	45.63
	2	45.91	45.95	45.90	45.92
	3	45.78	45.75	45.78	45.91
	Total Conducted Power (mW)	149960.52	148895.48	149789.46	151962.78
	Total Conducted Power(dBm)	51.76	51.73	51.75	51.82
High	0	45.48	45.52	45.52	45.60
	1	45.48	45.52	45.47	45.59
	2	45.78	45.74	45.81	45.80
	3	45.66	45.71	45.72	45.66
	Total Conducted Power (mW)	145293.79	146026.70	146313.80	147363.94
	Total Conducted Power(dBm)	51.62	51.64	51.65	51.68

Table 10-15. Conducted Average Output Power Table (n85_1C_5M)

Channel	Port	QPSK	16QAM	64QAM	256QAM
Low	0	48.43	48.39	48.22	48.35
	1	48.45	48.46	48.44	48.46
	2	48.95	49.11	48.79	48.84
	3	48.71	48.76	48.53	48.70
	Total Conducted Power (mW)	292472.33	295802.23	283166.14	289227.38
	Total Conducted Power(dBm)	54.66	54.71	54.52	54.61
Mid	0	48.46	48.44	48.41	48.53
	1	48.42	48.48	48.55	48.45
	2	48.93	49.04	49.05	48.99
	3	48.69	48.68	48.72	48.75
	Total Conducted Power (mW)	291771.27	294250.78	295782.73	295509.06
	Total Conducted Power(dBm)	54.65	54.69	54.71	54.71
High	0	48.29	48.41	48.35	48.29
	1	48.41	48.47	48.47	48.19
	2	48.91	48.58	48.95	48.47
	3	48.65	48.63	48.62	48.54
	Total Conducted Power (mW)	287881.49	284706.31	289999.94	275127.06
	Total Conducted Power(dBm)	54.59	54.54	54.62	54.40

Table 10-16. Conducted Average Output Power Table (n85_1C_10M)

FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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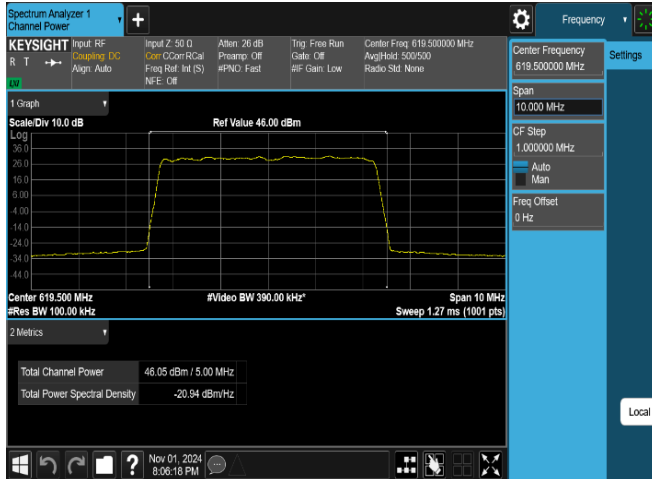
Channel	Port	QPSK	16QAM
Low	0	48.30	48.24
	1	48.52	48.30
	2	48.65	48.76
	3	48.64	48.47
	Total Conducted Power (mW)	285126.01	279758.50
	Total Conducted Power(dBm)	54.55	54.47
Mid	0	48.22	48.35
	1	48.42	48.35
	2	48.83	48.90
	3	48.42	48.45
	Total Conducted Power (mW)	281762.75	284391.24
	Total Conducted Power(dBm)	54.50	54.54
High	0	47.95	47.97
	1	48.01	48.03
	2	48.55	48.57
	3	48.18	48.10
	Total Conducted Power (mW)	262994.79	262704.80
	Total Conducted Power(dBm)	54.20	54.19

Table 10-17. Conducted Average Output Power Table (n85_2C_5M+5M)

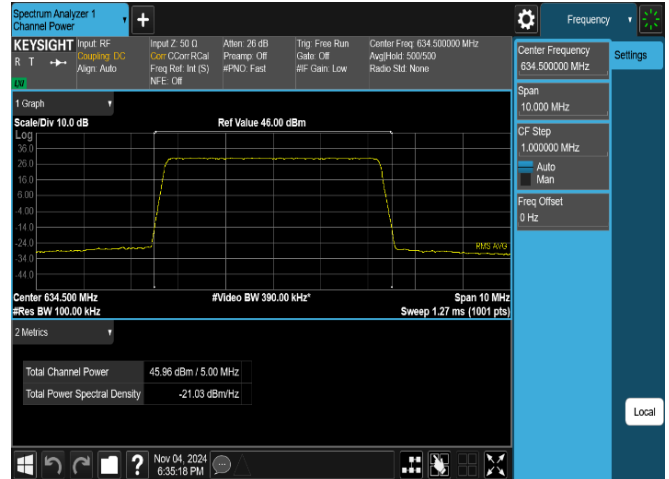
Channel	Port	QPSK	16QAM
Low	0	48.15	48.18
	1	48.21	48.47
	2	48.41	48.54
	3	48.32	48.49
	Total Conducted Power (mW)	268797.65	278154.40
	Total Conducted Power(dBm)	54.29	54.44
Mid	0	48.30	48.45
	1	48.43	48.50
	2	48.90	48.89
	3	48.58	48.62
	Total Conducted Power (mW)	287006.41	291002.94
	Total Conducted Power(dBm)	54.58	54.64
High	0	48.21	48.47
	1	48.48	48.26
	2	48.61	48.66
	3	48.47	48.62
	Total Conducted Power (mW)	279608.78	283525.06
	Total Conducted Power(dBm)	54.47	54.53

Table 10-18. Conducted Average Output Power Table (n85_2C_5M+10M)

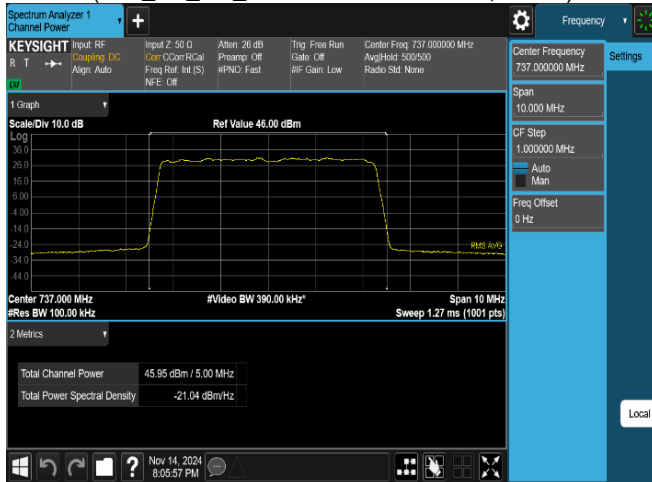
FCC ID: A3LRF4435D-71A	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Technical Manager
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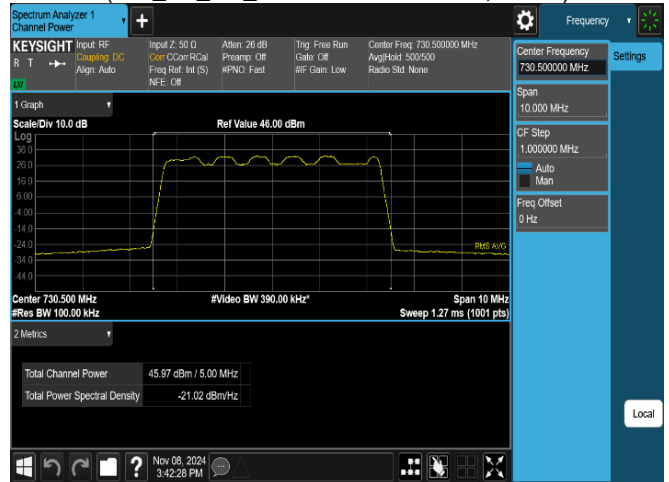
Plot 10-1. Conducted Average Output Power Plot
(B71_1C_5M_16QAM - Low Channel, Port 2)



Plot 10-2. Conducted Average Output Power Plot
(n71_1C_5M_QPSK - Mid Channel, Port 2)



Plot 10-3. Conducted Average Output Power Plot
(B85_1C_5M_16QAM - Mid Channel, Port 2)



Plot 10-4. Conducted Average Output Power Plot
(n85_1C_5M_16QAM - Low Channel, Port 2)

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