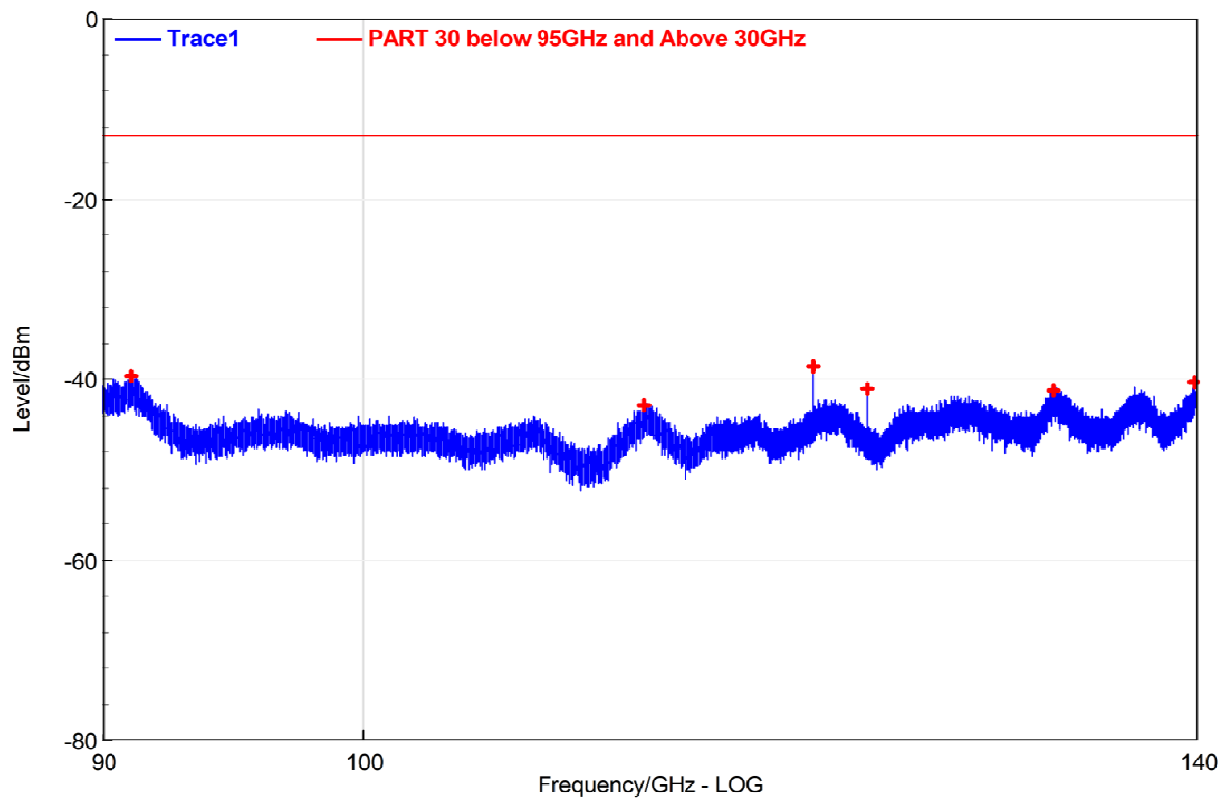
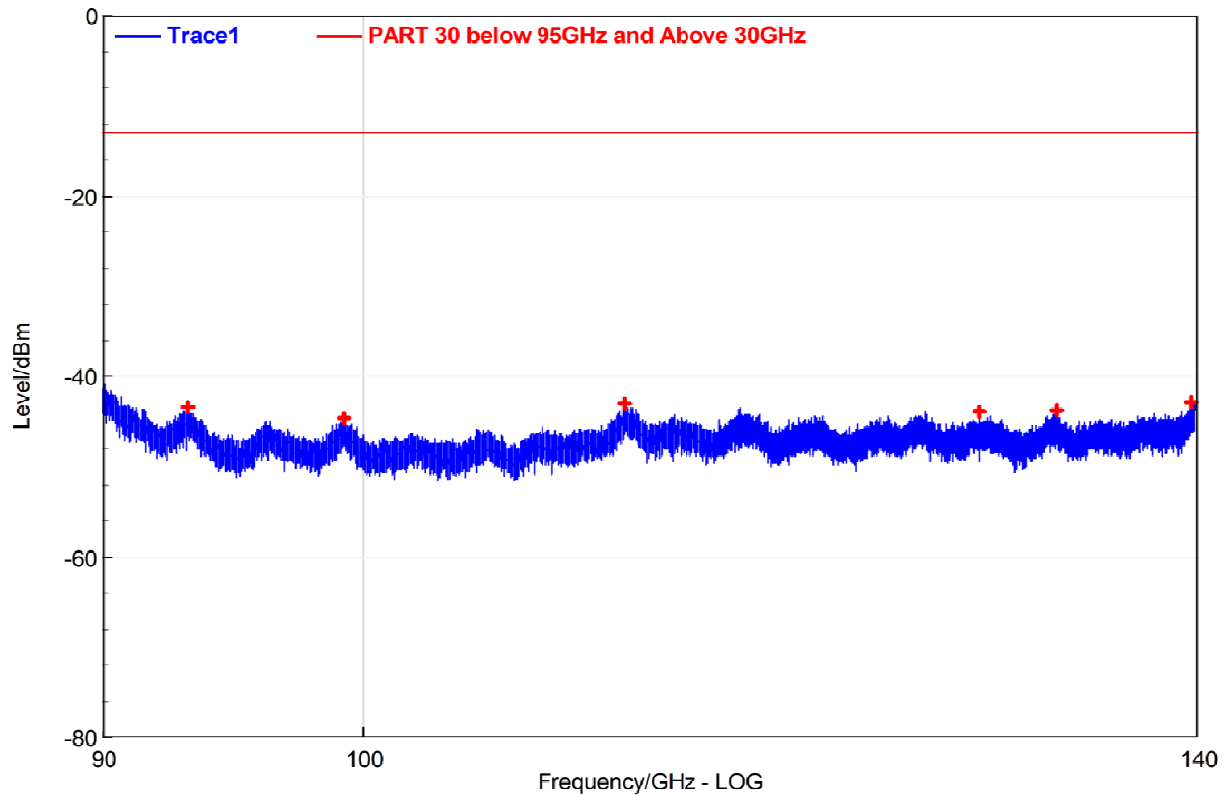




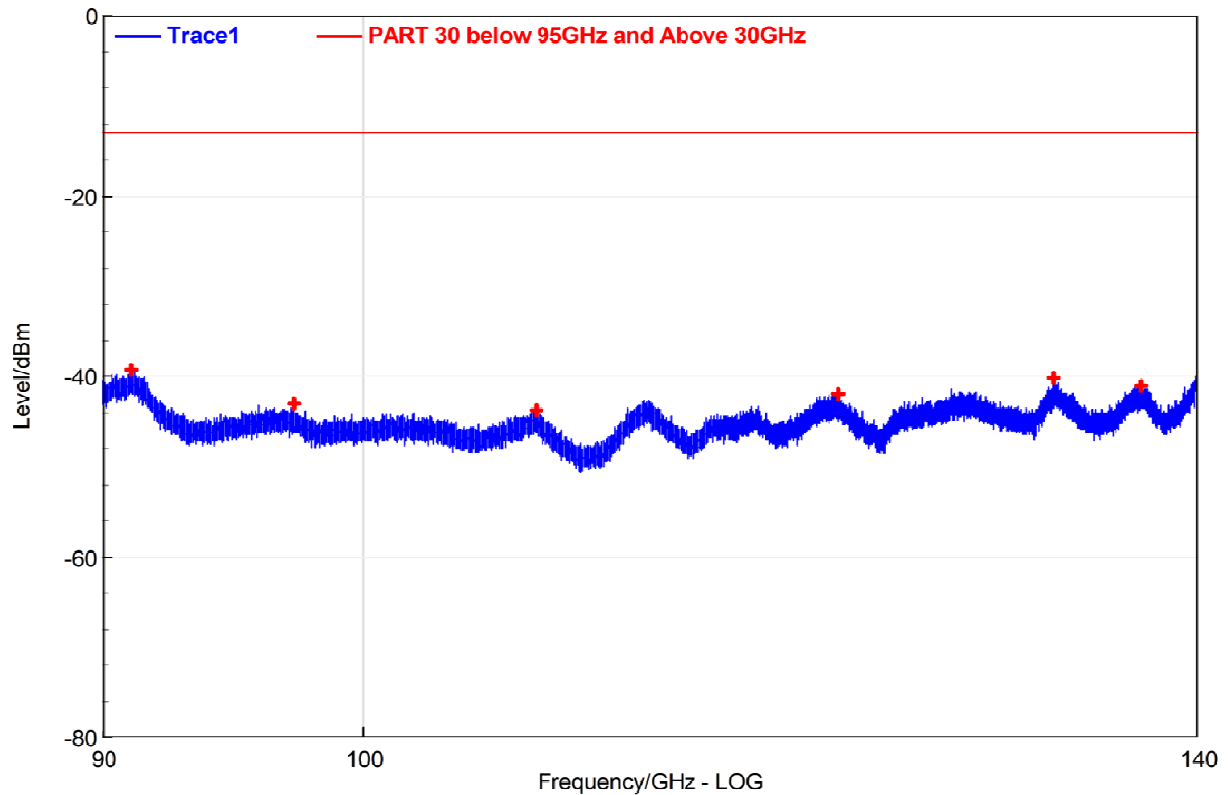
n260 2278749 90G-140G Beam ID 142+14 SCS 120K DFT QPSK RB1@22 EUT-Z ANT-V

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	91.0875	-39.7	V	-14.22	54.11	-13	26.7
2	112.005	-42.99	V	-19.69	53.84	-13	29.99
3	119.90625	-38.62	V	-18.54	53.33	-13	25.62
4	122.54	-41.09	V	-18.58	52.11	-13	28.09
5	132.145	-41.31	V	-18.5	55.66	-13	28.31
6	139.87	-40.48	V	-17.71	55.38	-13	27.48



n260 2278749 90G-140G Beam ID14 SCS120K DFT QPSK RB10@11 EUT-Z ANT-H

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	93.1725	-43.4	H	-16.06	51.91	-13	30.4
2	99.20375	-44.72	H	-18.3	52.12	-13	31.72
3	111.11625	-43.14	H	-19.82	53.89	-13	30.14
4	128.25375	-43.95	H	-18.69	51.41	-13	30.95
5	132.33	-43.9	H	-18.48	52.45	-13	30.9
6	139.7325	-42.93	H	-17.73	53.24	-13	29.93

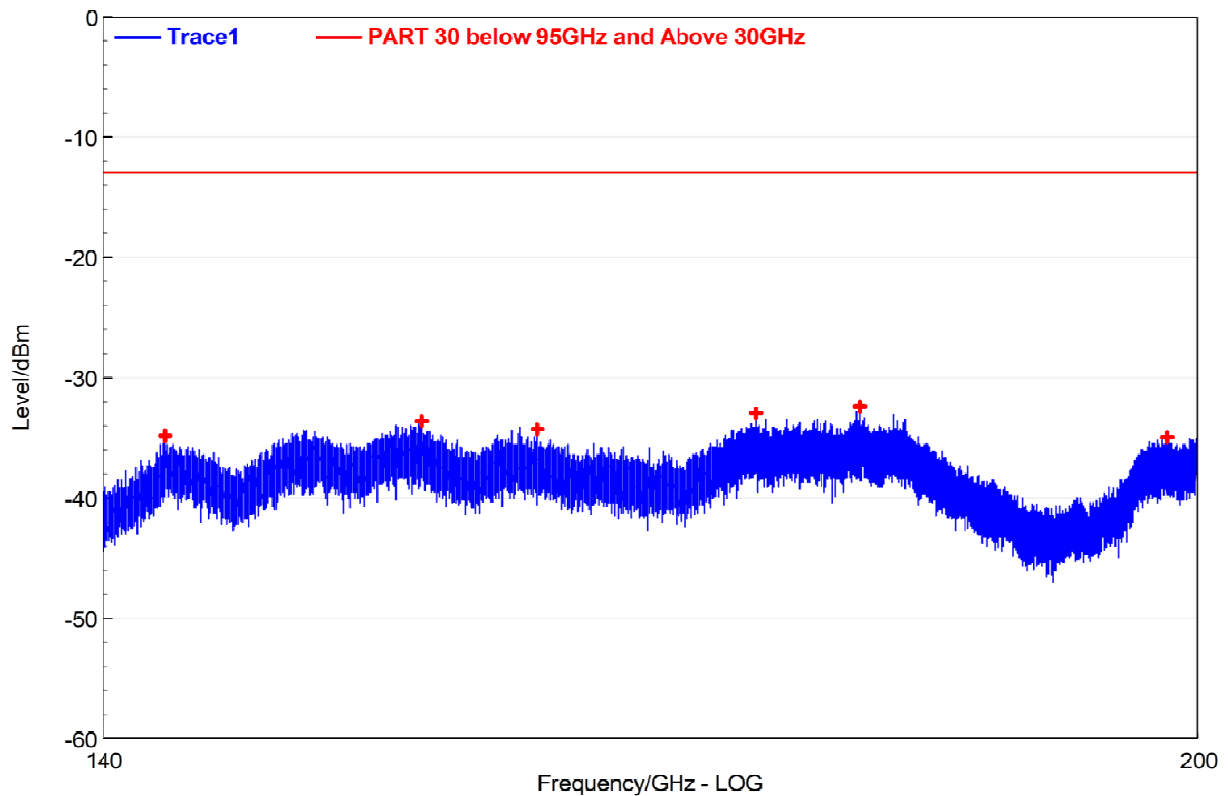


n260 2278749 90G-140G Beam ID14 SCS120K DFT QPSK RB10@11 EUT-Z ANT-V

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	91.08875	-39.31	V	-14.22	54.12	-13	26.31
2	97.235	-43.13	V	-18.01	52.62	-13	30.13
3	107.2675	-43.79	V	-19.55	53.42	-13	30.79
4	121.11125	-41.97	V	-18.55	54.62	-13	28.97
5	132.1275	-40.35	V	-18.5	55.61	-13	27.35
6	136.915	-41.07	V	-18.02	55.2	-13	28.07

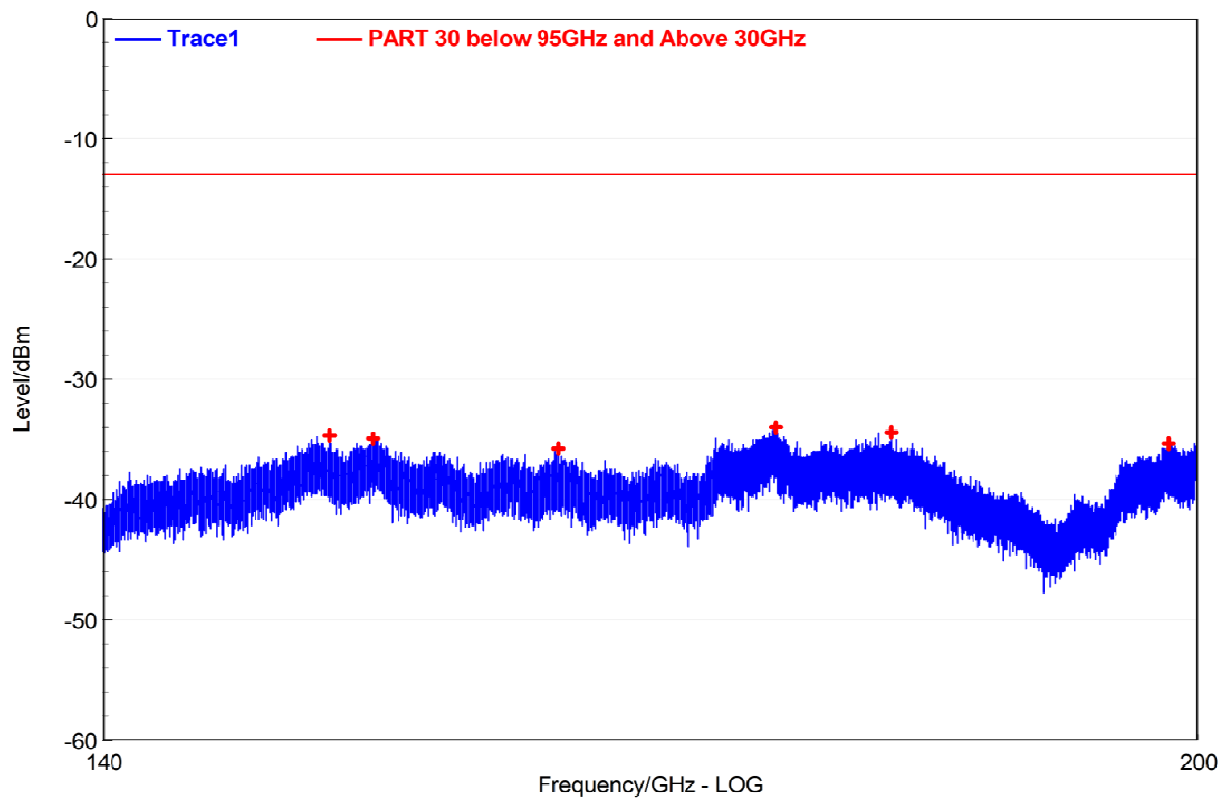


140 GHz – 200 GHz



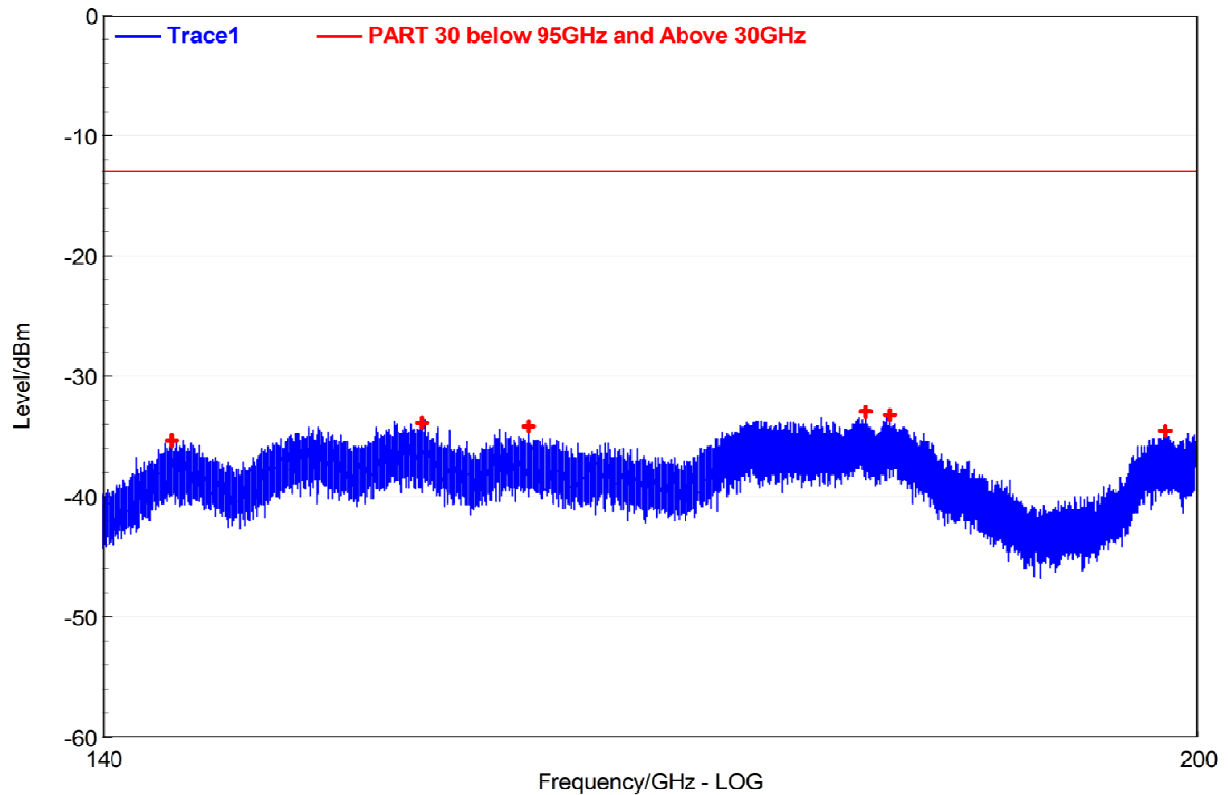
n260 2278749 140-200G Beam ID 142+14 SCS 120K DFT QPSK RB1@22 EUT-Z ANT-H

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	142.916	-34.86	H	-17.06	57.86	-13	21.86
2	155.437	-33.66	H	-15.15	57.63	-13	20.66
3	161.331	-34.28	H	-15.47	57.49	-13	21.28
4	173.271	-33.03	H	-15.02	57.55	-13	20.03
5	179.266	-32.53	H	-15.85	58.74	-13	19.53
6	198.057	-34.98	H	-15.65	58.28	-13	21.98



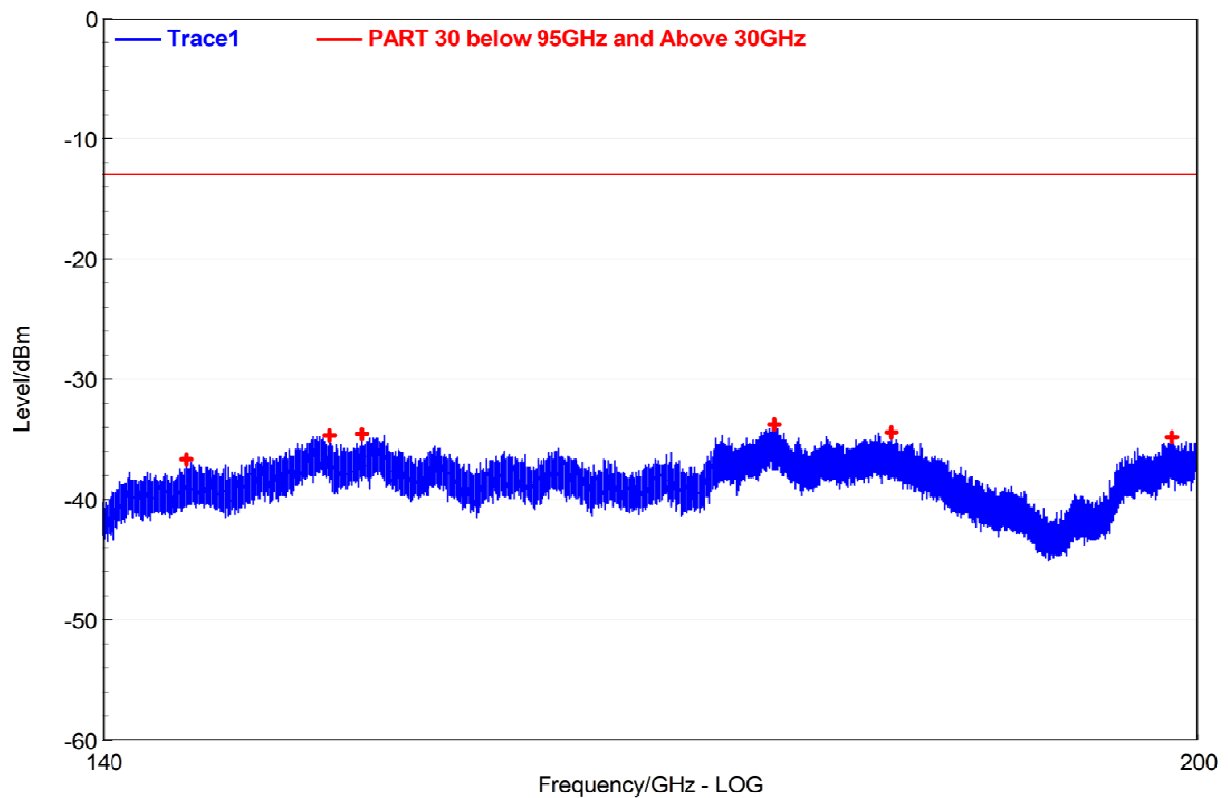
n260 2278749 140-200G Beam ID 142+14 SCS 120K DFT QPSK RB1@22 EUT-Z ANT-V

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	150.745	-34.71	V	-15.93	57.04	-13	21.71
2	152.923	-34.93	V	-15.55	57.13	-13	21.93
3	162.44	-35.83	V	-15.69	56.25	-13	22.83
4	174.333	-34.01	V	-15.09	57.12	-13	21.01
5	181.032	-34.46	V	-16.21	57.03	-13	21.46
6	198.163	-35.45	V	-15.61	56.52	-13	22.45



n260 2278749 140G-200G Beam ID14 SCS120K DFT QPSK RB10@11 EUT-Z ANT-H

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	143.21	-35.33	H	-17.05	58.13	-13	22.33
2	155.383	-33.96	H	-15.13	57.67	-13	20.96
3	160.854	-34.21	H	-15.43	57.56	-13	21.21
4	179.496	-33.04	H	-15.9	58.53	-13	20.04
5	180.984	-33.22	H	-16.2	58.93	-13	20.22
6	197.992	-34.66	H	-15.67	58.29	-13	21.66



n260 2278749 140G-200G Beam ID14 SCS120K DFT QPSK RB10@11 EUT-Z ANT-V

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	143.896	-36.76	V	-17.21	55.53	-13	23.76
2	150.745	-34.71	V	-15.93	57.04	-13	21.71
3	152.351	-34.67	V	-15.71	56.89	-13	21.67
4	174.287	-33.74	V	-15.09	57.19	-13	20.74
5	181.032	-34.46	V	-16.21	57.03	-13	21.46
6	198.359	-34.93	V	-15.55	56.51	-13	21.93

2.5 Band Edge Emissions

2.5.1 Requirement

According to FCC section 30.203, The conductive power or the total radiated power of any emission outside a licensee's frequency block shall be -13 dBm/MHz or lower. However, in the bands immediately outside and adjacent to the licensee's frequency block, having a bandwidth equal to 10 percent of the channel bandwidth, the conductive power or the total radiated power of any emission shall be -5 dBm/MHz or lower.

2.5.2 Test procedure

ANSI C63.26-2015 - Section 5

KDB 842590 D01 v01 Section 4.4.2.4

2.5.3 Test settings

1. Set the EUT power to the maximum
2. Set the start stop frequency to measure the upper and lower band edge
3. Detector = RMS
4. Trace mode = Trace average
5. Sweep time = Auto
6. Number of sweep point $\geq 2 \times \text{span} / \text{RBW}$
7. RBW = 1MHz, VBW = 3MHz

Note 1:

- 1) Perform maximum EIRP measurement as described in 5.5.4 of ANSI C63.26 (field strength method). Note: EIRP measurements are performed using linearly polarized antenna. Both horizontal and vertical polarizations are measured separately and not summed. The highest amplitude signal measured from horizontal or vertical polarization is used for determining compliance to the unwanted emission limit.
- 2) Compare the measured maximum EIRP at each frequency with the applicable TRP limit.
- 3) If the maximum EIRP is less than TRP limit then early exit condition is met, and no further measurements are required for that frequency.
- 4) Otherwise follow TRP measurement procedures using the Spherical Grid TRP Method. If the device does not meet the emission limit at one or some frequencies, then TRP measurements need be performed only those frequencies.

Note2: All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Note3: All bandwidth, and modulation were considered and evaluated respectively by performing full test for each band, only the worst cases were recorded in this test report.



Note 4: The average EIRP reported calculated is according to KDB 842590.

Analyzer Offset (dB)= Corrected Loss (dB) + Path Loss (dB).

where:

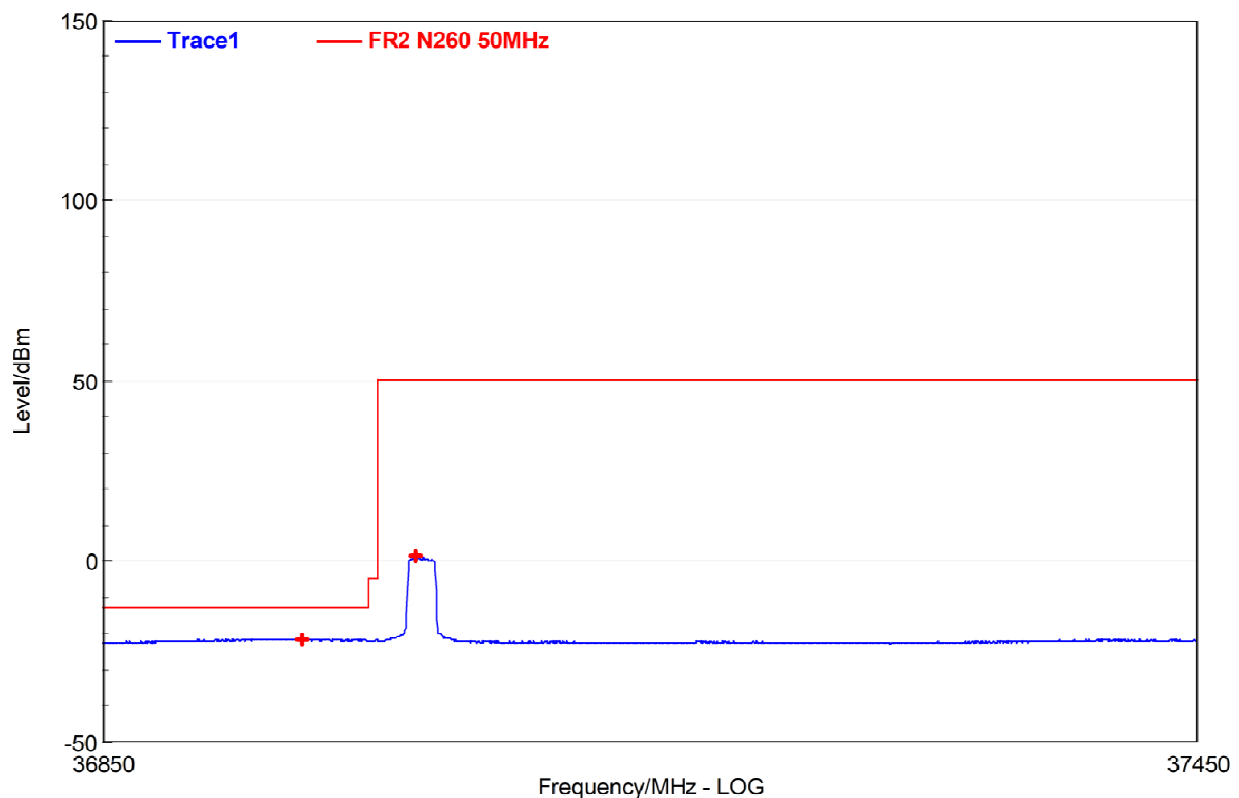
Corrected Loss (dB)= Space Loss (dB) – Antenna Gain (dBi).

Path Loss (dB)= Converter Loss(dB) + Cable Loss (dB).

Note: For below 40GHz, since the test does not require the use of a mixer, so the test results do not require the calculation of Converter Loss.

The analyzer offset will be specified in the test results table.

2.5.4 Test Result

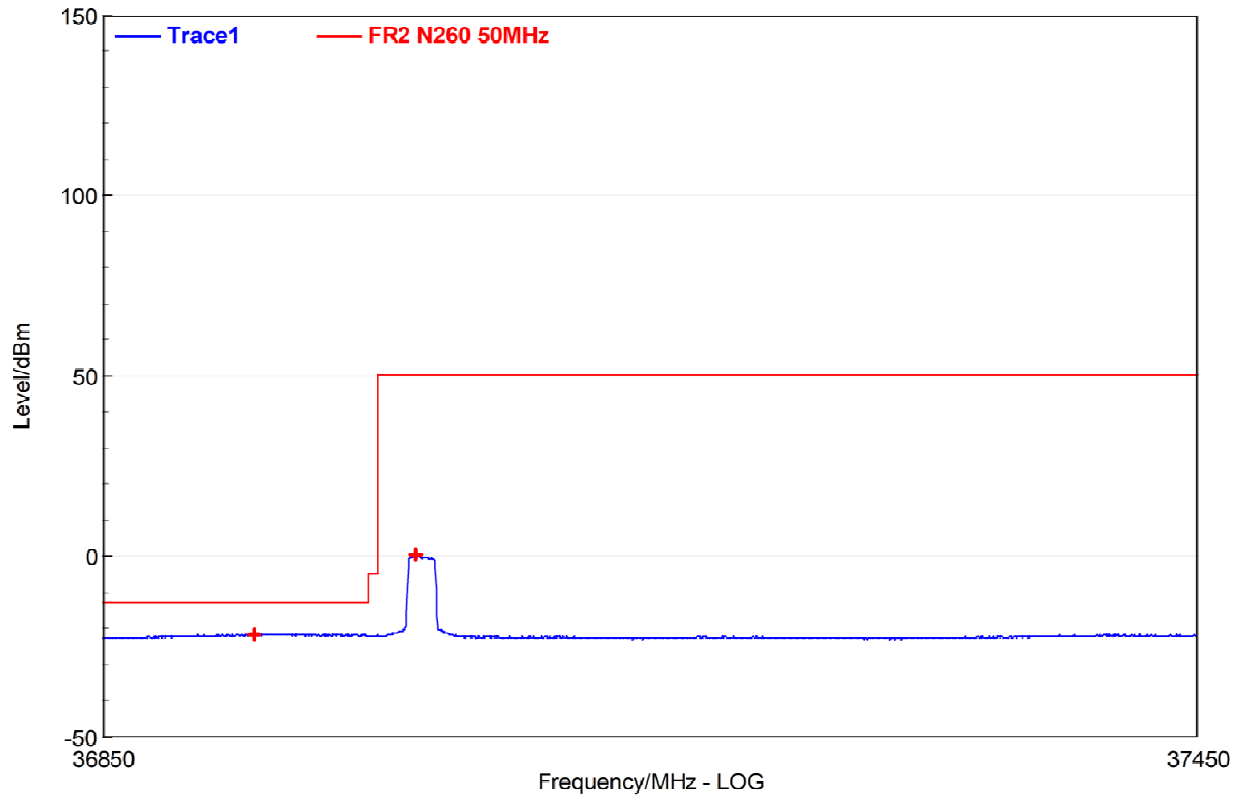


n260 2229583 Beam ID14 SCS120K DFT QPSK RB10@11 EUT-X ANT-H

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	36959.5	-22.1	H	14.46	54.44	-13	9.1
2	37021	1.26	H	14.64	54.53	50	48.74



REPORT No.: SZ24060210W08

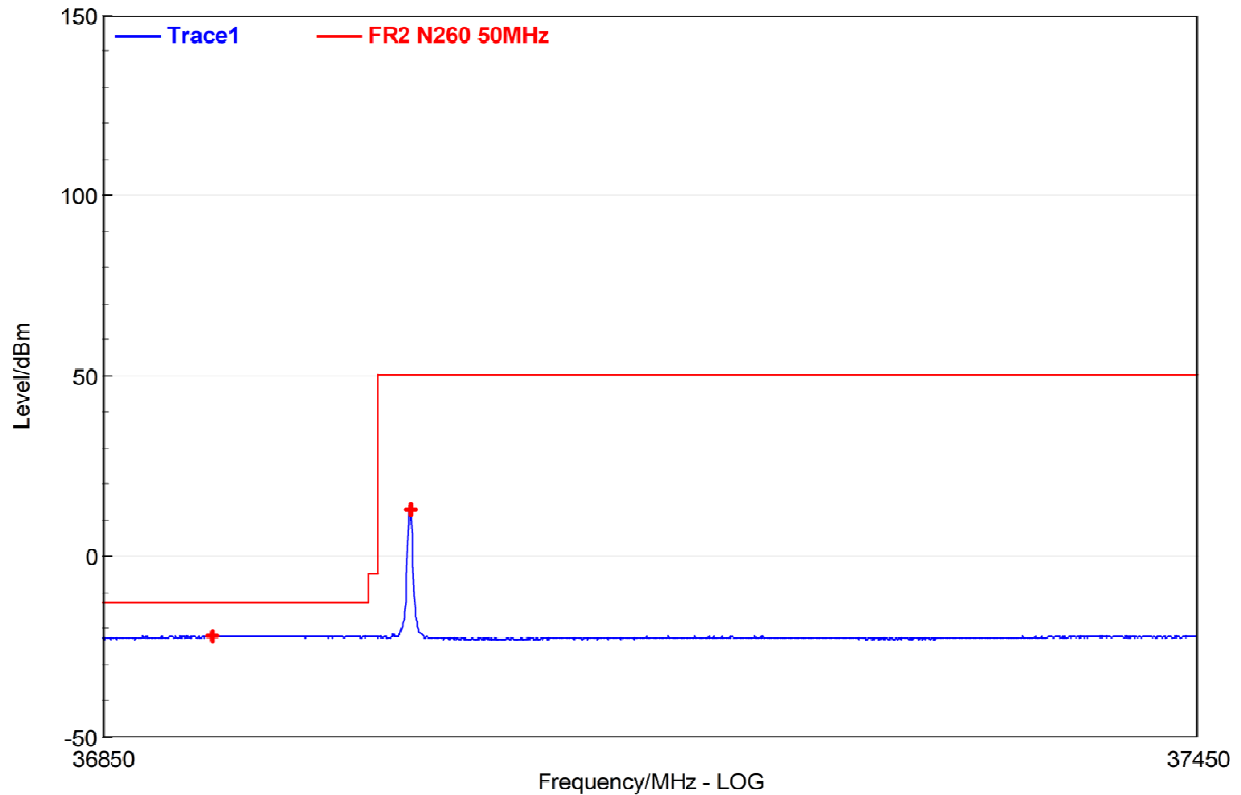


n260 2229583 Beam ID14 SCS120K DFT QPSK RB10@11 EUT-X ANT-V

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	36933	-21.98	V	14.39	54.4	-13	8.98
2	37021	0.32	V	14.64	54.53	50	49.68

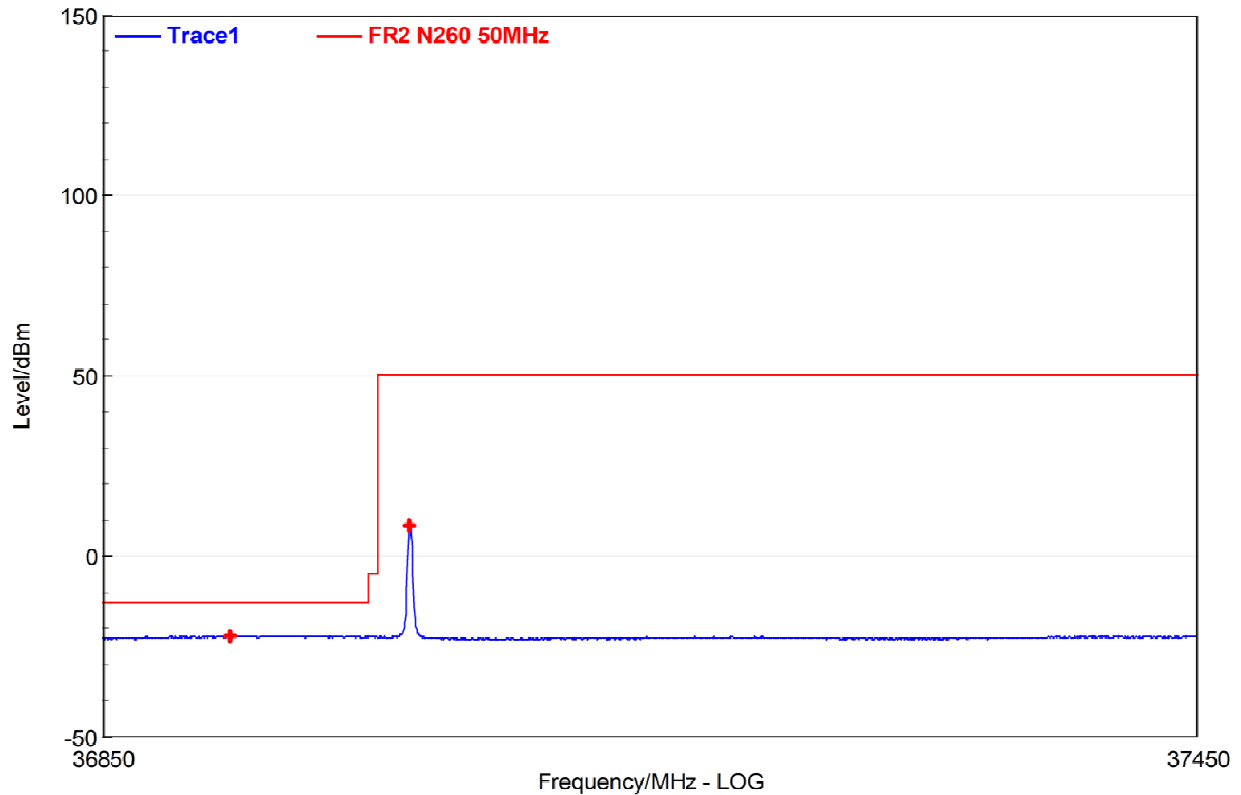


REPORT No.: SZ24060210W08



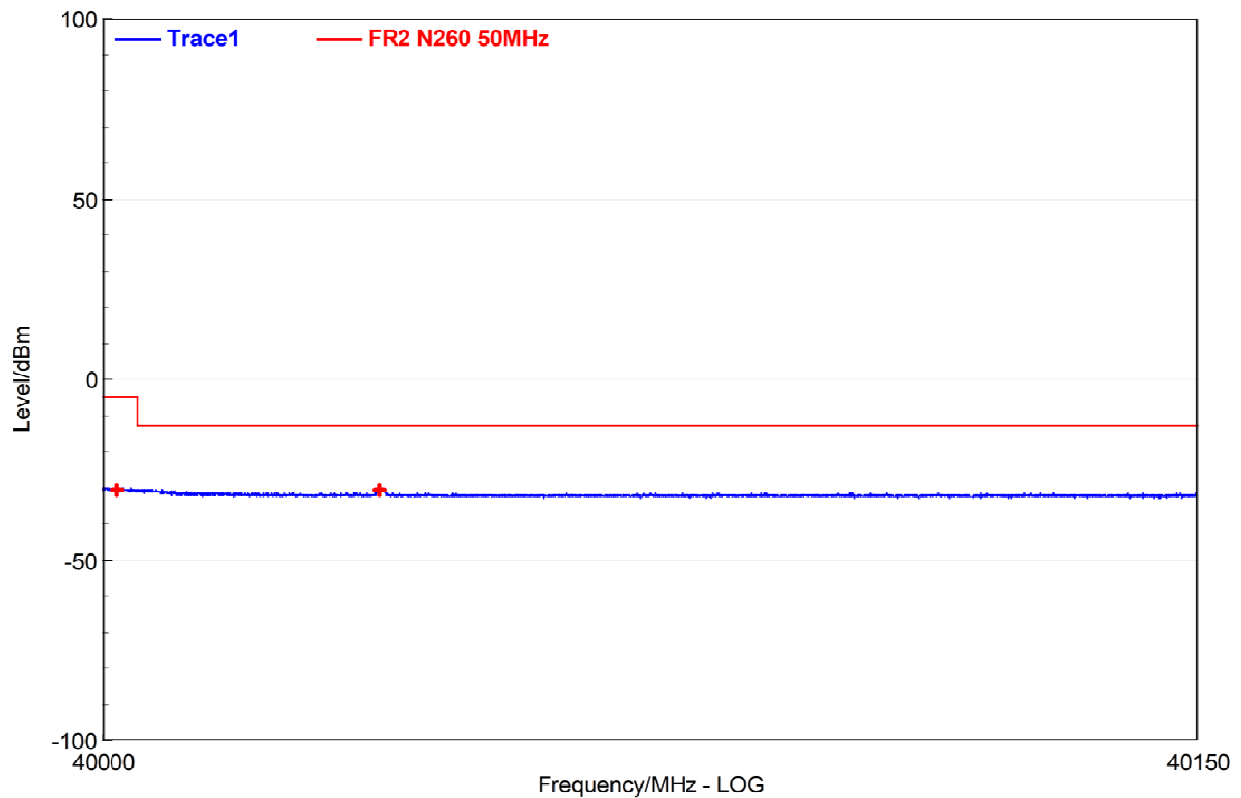
n260 2229583 Beam ID14+142 SCS 120K DFT QPSK RB1@11 EUT-X ANT-H

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	36910	-22.64	H	14.32	54.37	-13	9.64
2	37018.5	12.54	H	14.63	54.52	50	37.46



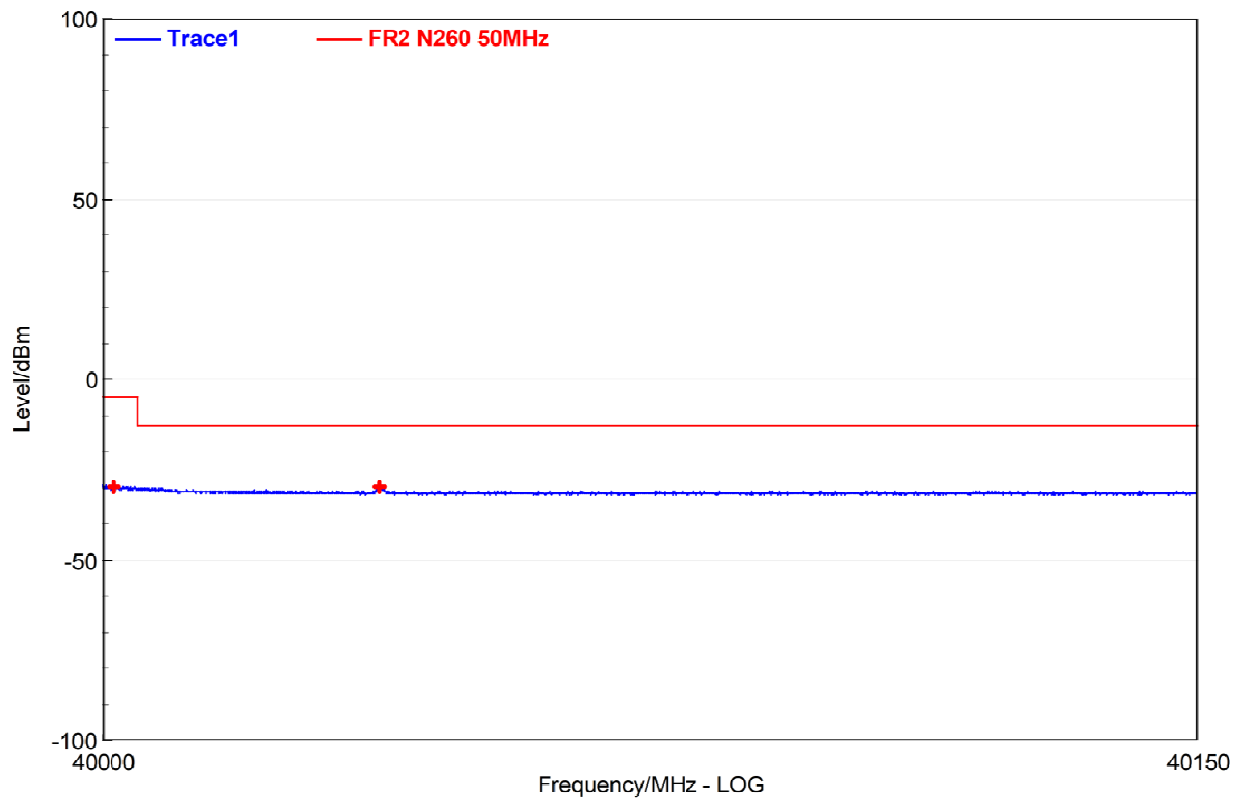
n260 2229583 Beam ID14+142 SCS 120K DFT QPSK RB1@11 EUT-X ANT-V

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	36919.5	-22.5	V	14.35	54.38	-13	9.5
2	37018	8.1	V	14.63	54.52	50	41.9



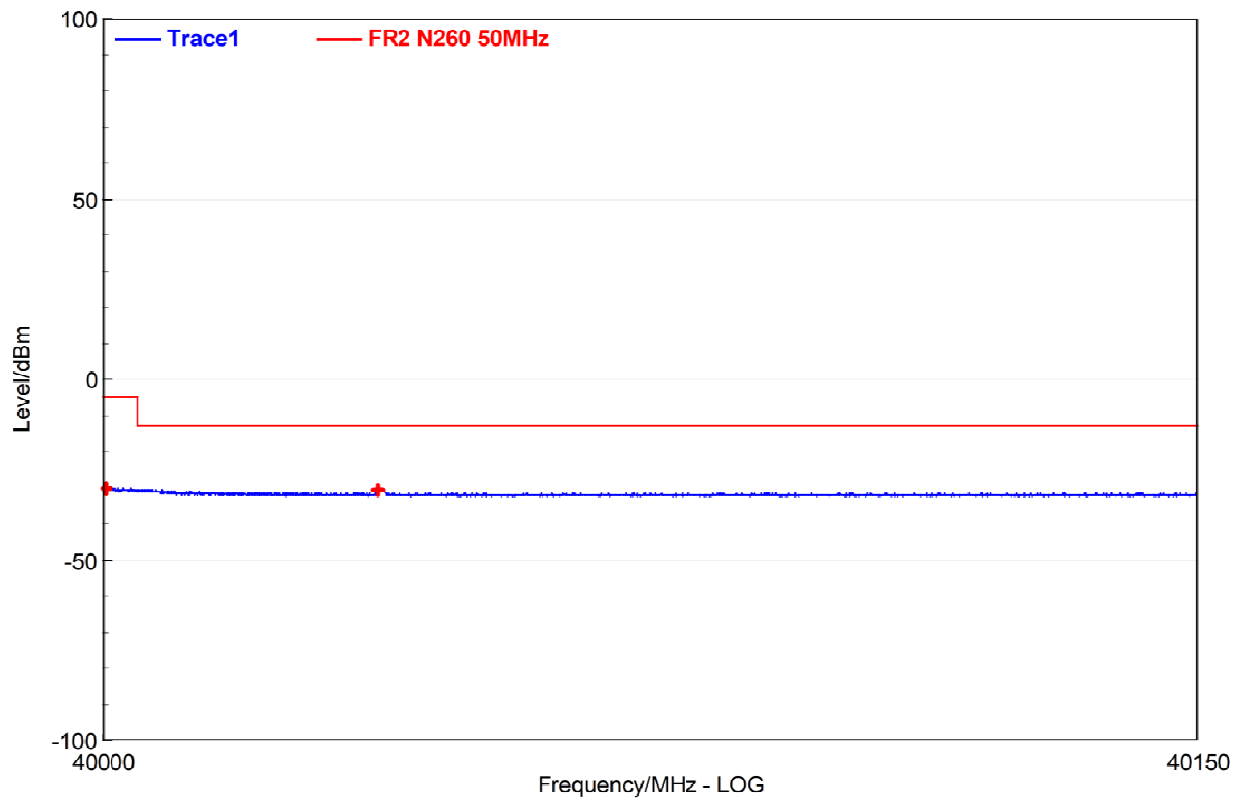
n260 2278749 Beam ID 14 SCS120K DFT QPSK RB1@11 EUT-X ANT-H

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	40002.05	-30.7	H	6.68	49.13	-5	25.7
2	40037.95	-30.68	H	6.67	49.13	-13	17.68



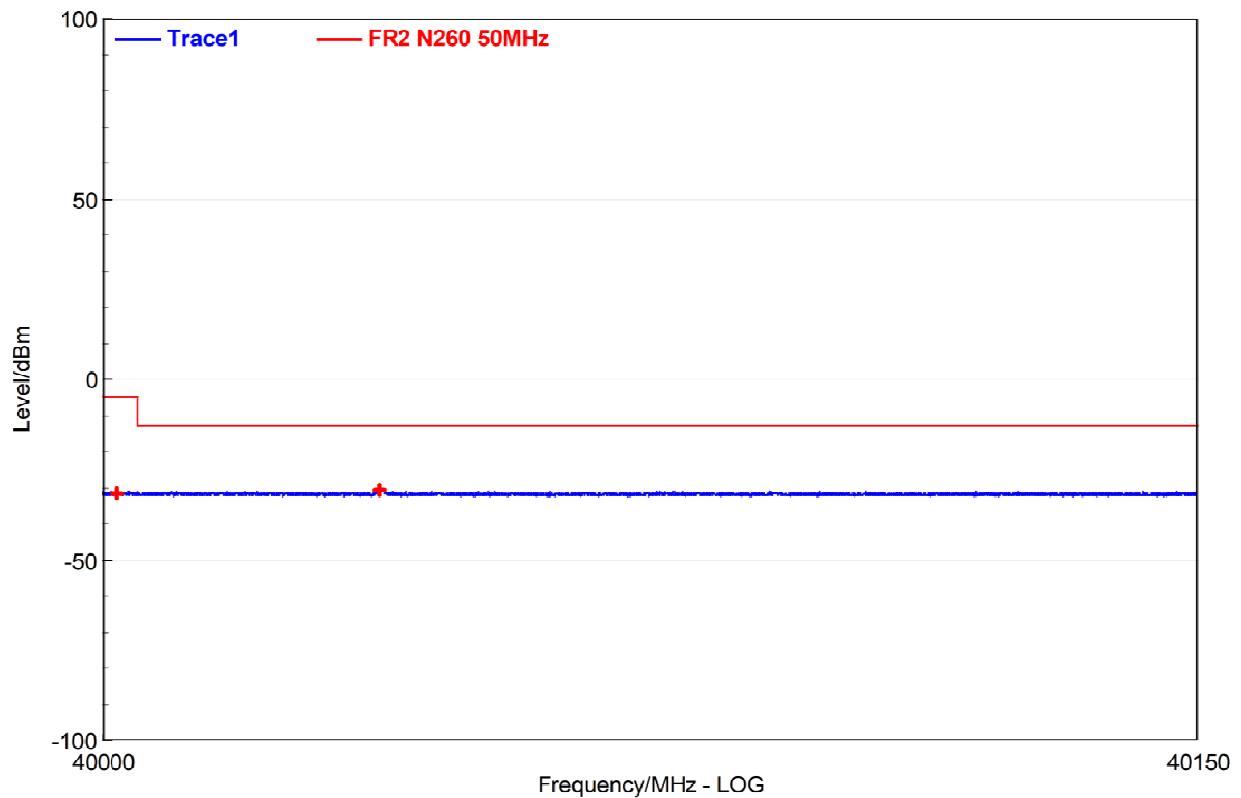
n260 2278749 Beam ID 14 SCS120K DFT QPSK RB1@11 EUT-X ANT-V

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	40001.75	-30	V	6.68	49.53	-5	25
2	40038	-30.13	V	6.67	49.53	-13	17.13



n260 2278749 Beam ID 142+14 SCS120K DFT QPSK RB1@11 EUT-X ANT-H

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	40000.55	-30.51	V	6.68	49.13	-5	25.51
2	40037.75	-30.69	V	6.67	49.13	-13	17.69

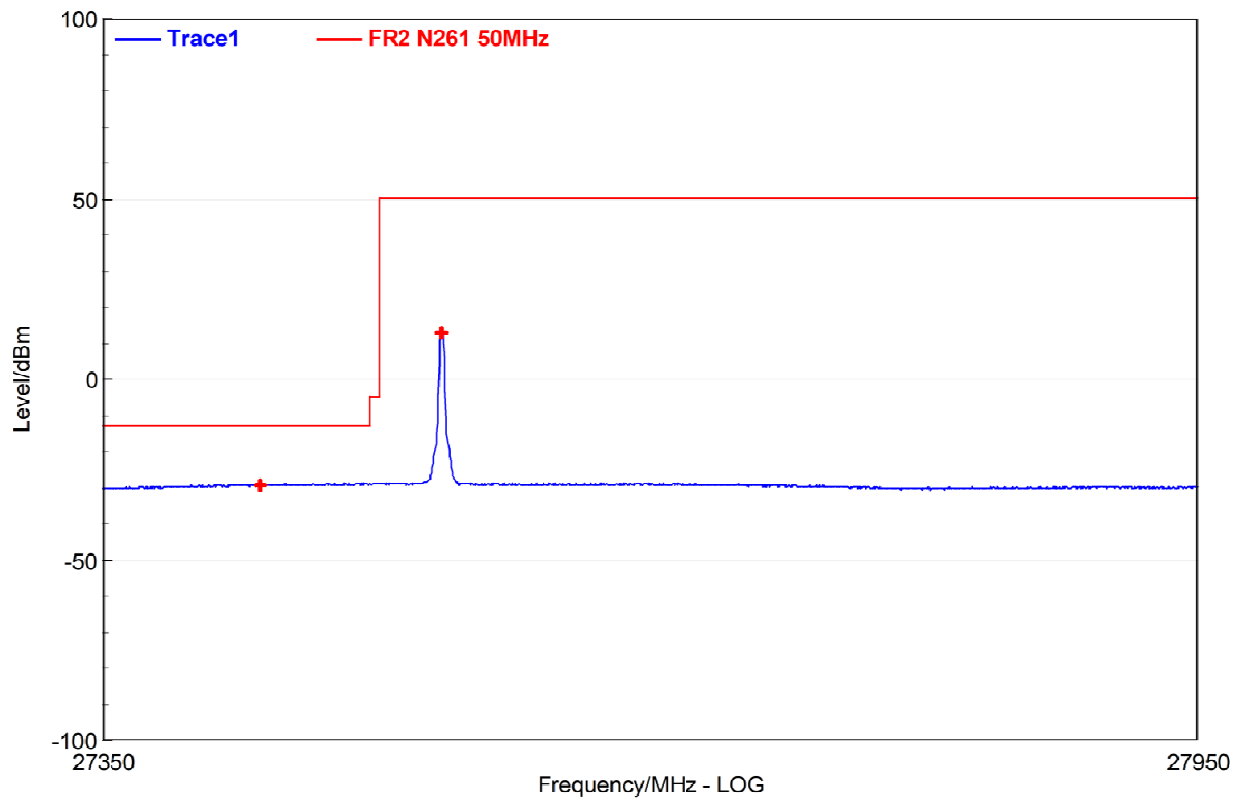


n260 2278749 Beam ID 142+14 SCS120K DFT QPSK RB1@11 EUT-X ANT-V

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	40002.05	-31.85	V	6.68	49.53	-5	26.85
2	40037.85	-30.82	V	6.67	49.53	-13	17.82



REPORT No.: SZ24060210W08

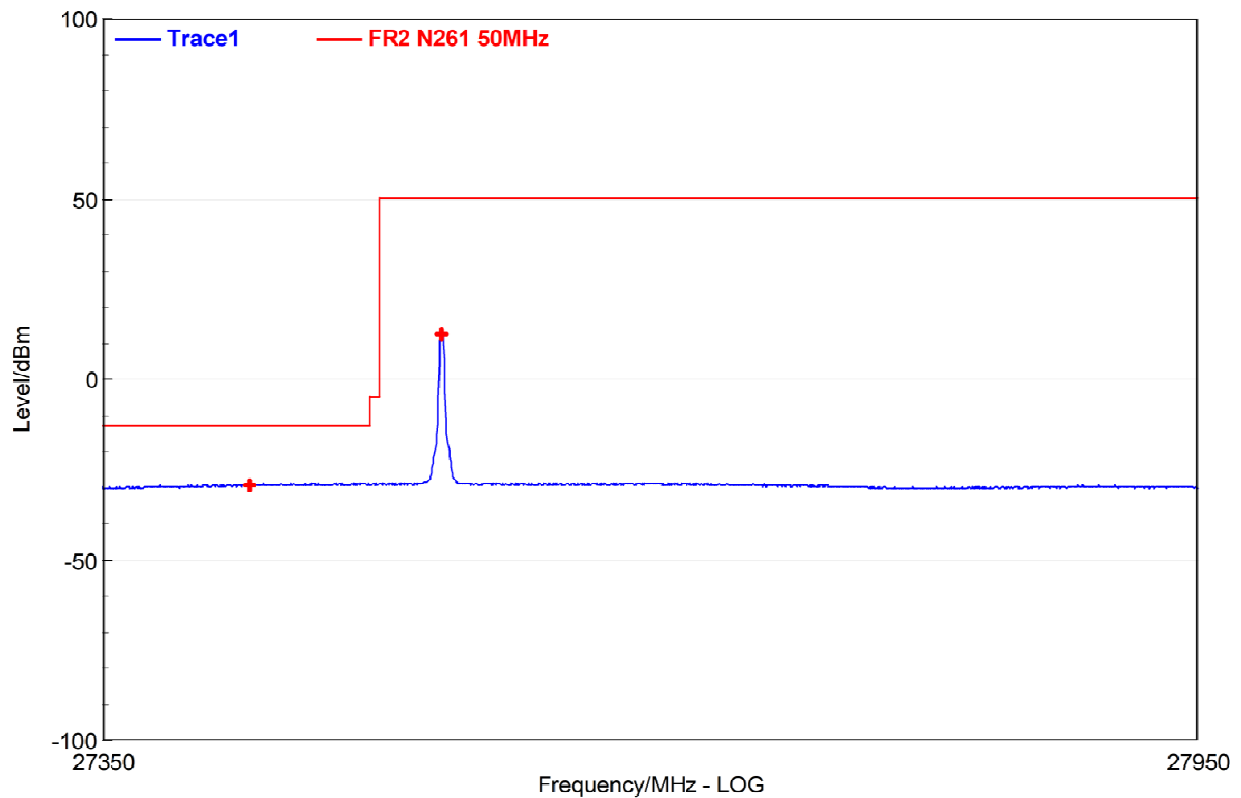


n261 2071667 Beam ID 146 SCS 120K DFT QPSK RB1@22 Bandedge EUT-X ANT-H

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	27436	-29.5	H	12.49	51.16	-13	16.5
2	27534.5	12.74	H	12.69	51.42	50	37.26



REPORT No.: SZ24060210W08

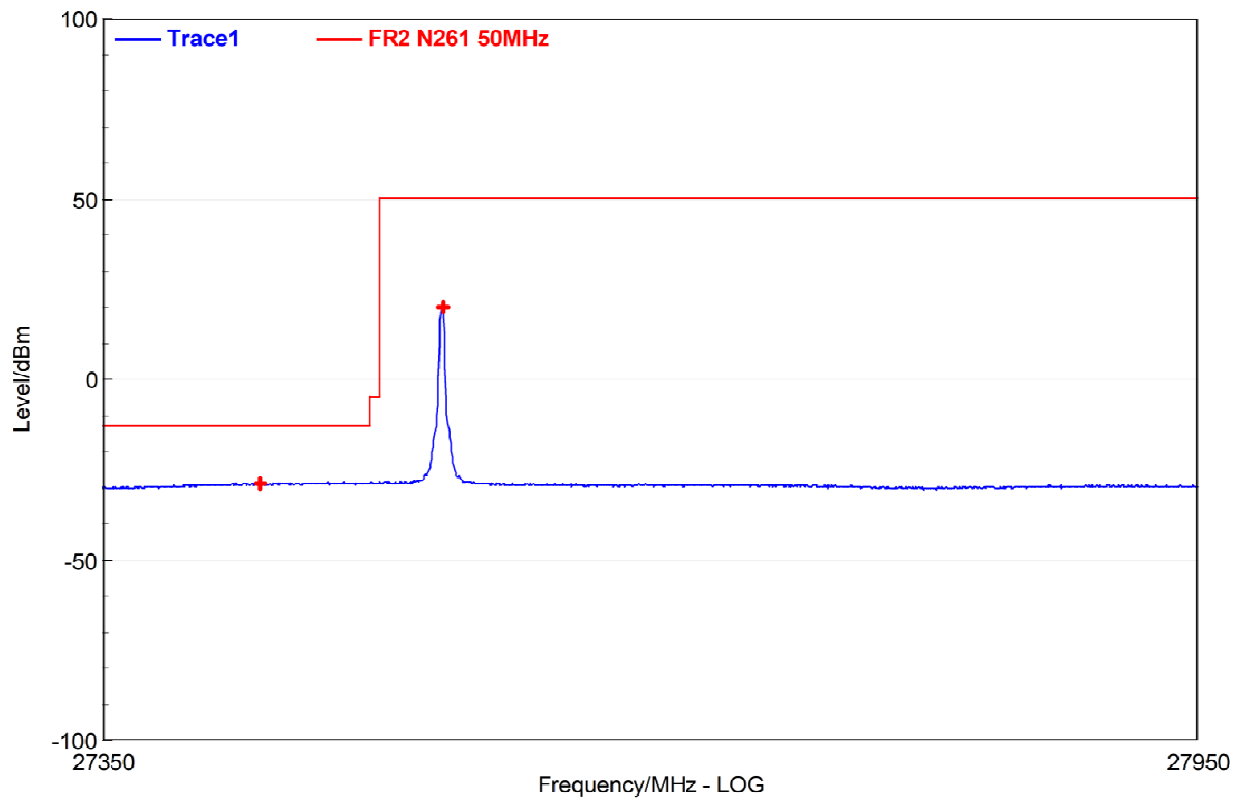


n261 2071667 Beam ID 146 SCS 120K DFT QPSK RB1@22 Bandedge EUT-X ANT-V

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	27429.5	-29.4	V	12.47	51.22	-13	16.4
2	27534.5	12.39	V	12.69	51.47	50	37.62

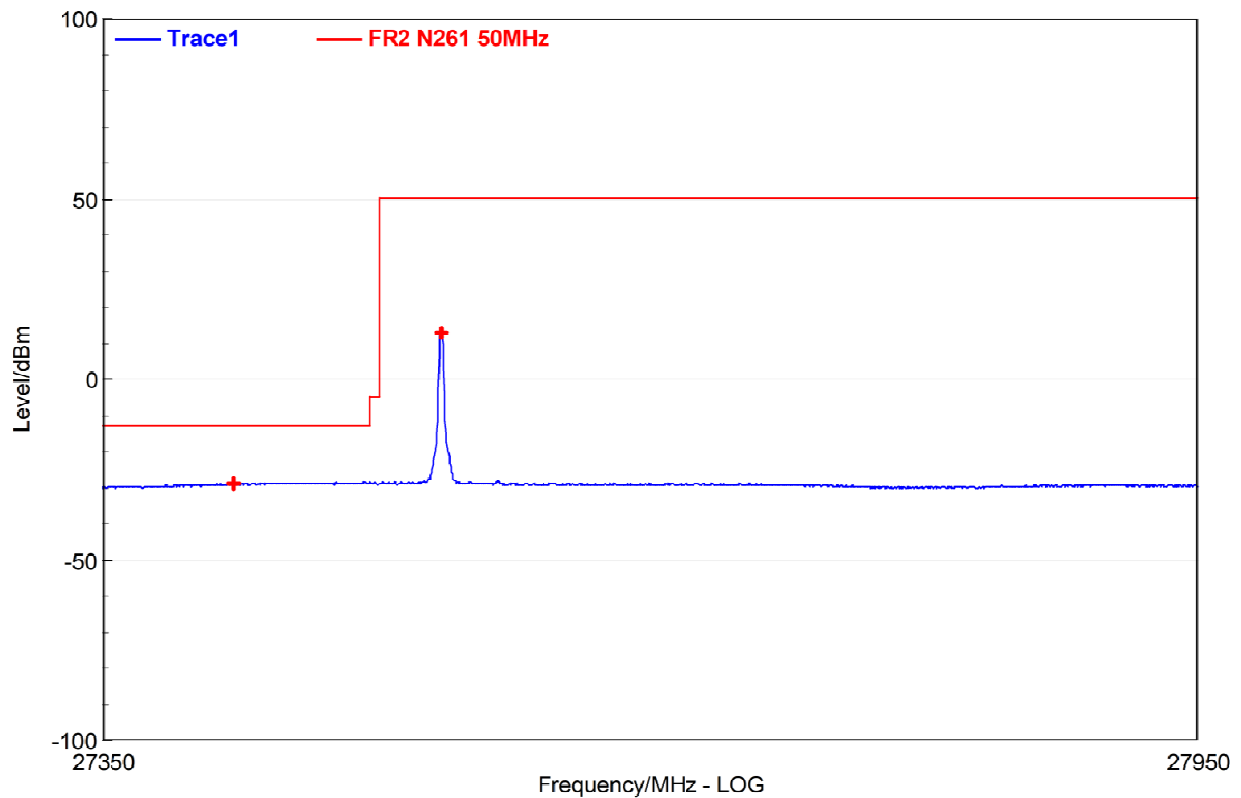


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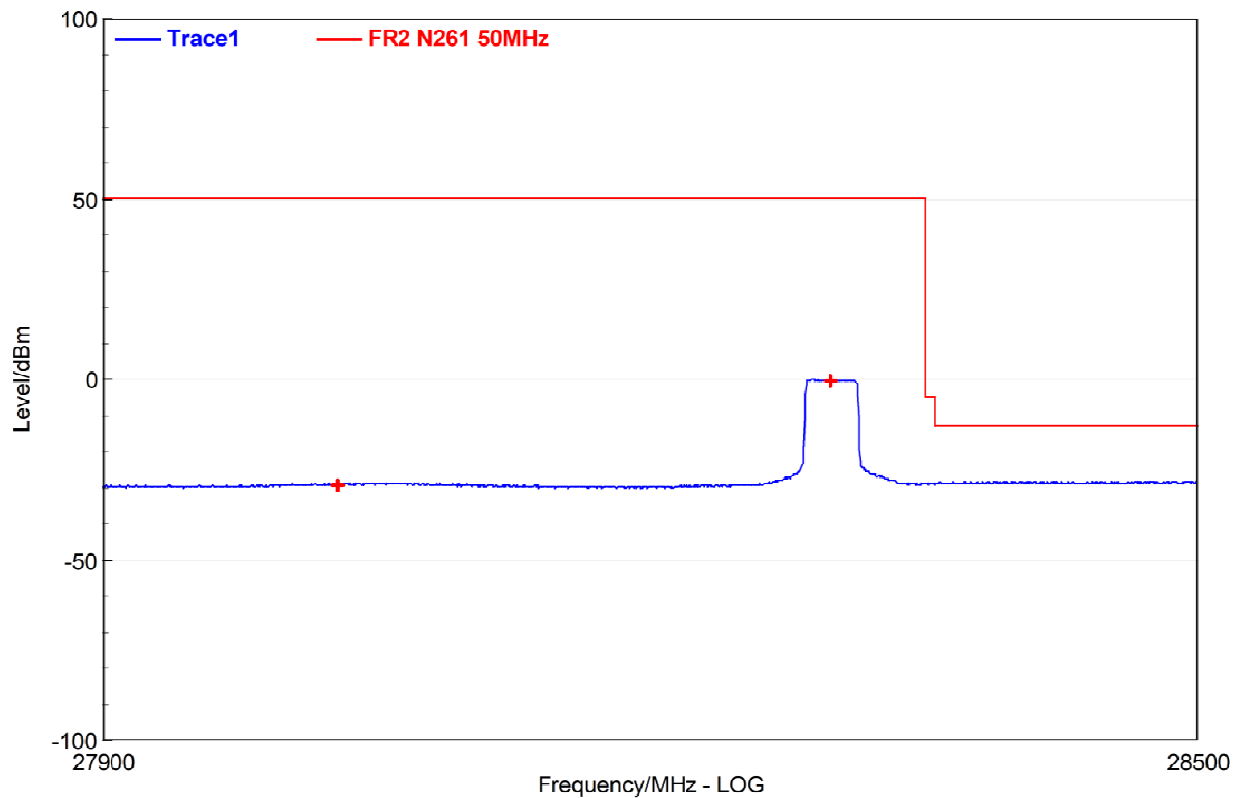
n261 2071667 Beam ID 146+18 SCS 120K DFT QPSK RB1@22 EUT-X ANT-H

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	27436	-29.27	H	12.49	51.16	-13	16.27
2	27535	19.62	H	12.69	51.42	50	30.38



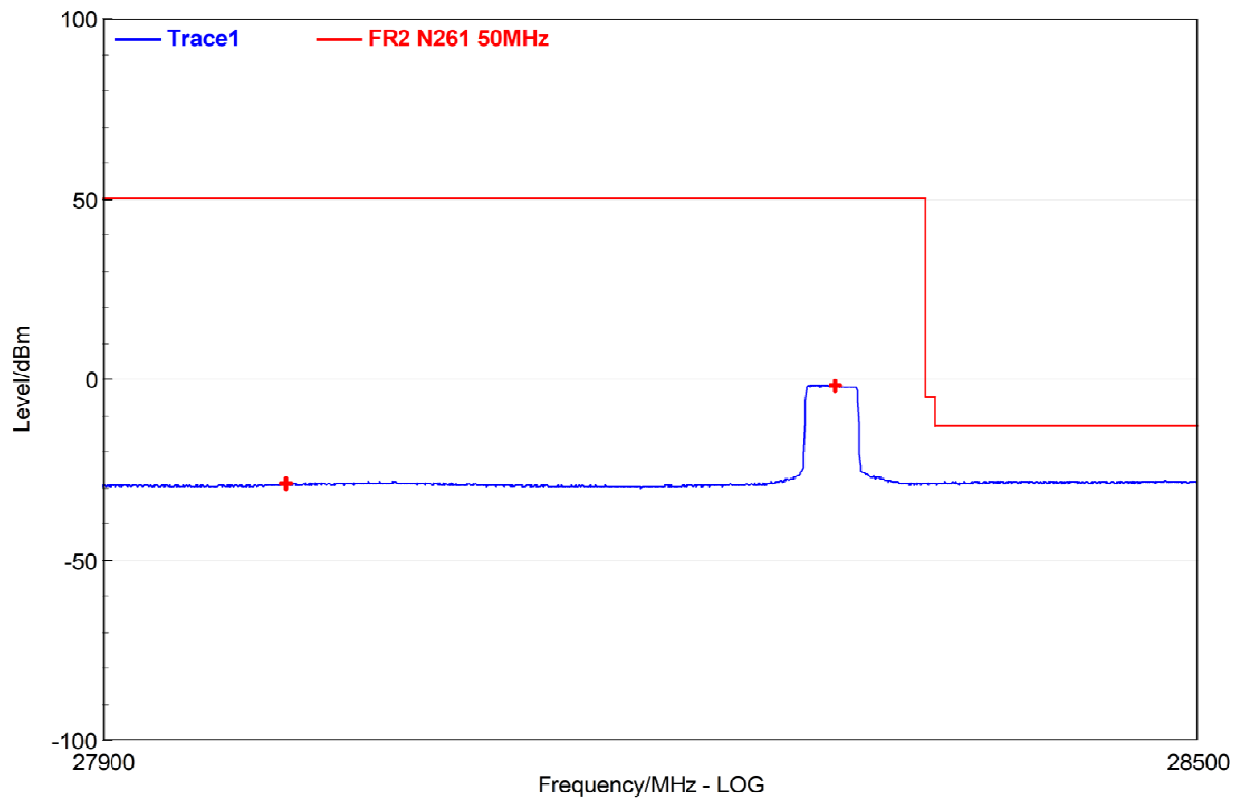
n261 2071667 Beam ID 146+18 SCS 120K DFT QPSK RB1@22 EUT-X ANT-V

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	27421	-28.98	V	12.43	51.19	-13	15.98
2	27534.5	12.64	V	12.69	51.47	50	37.36



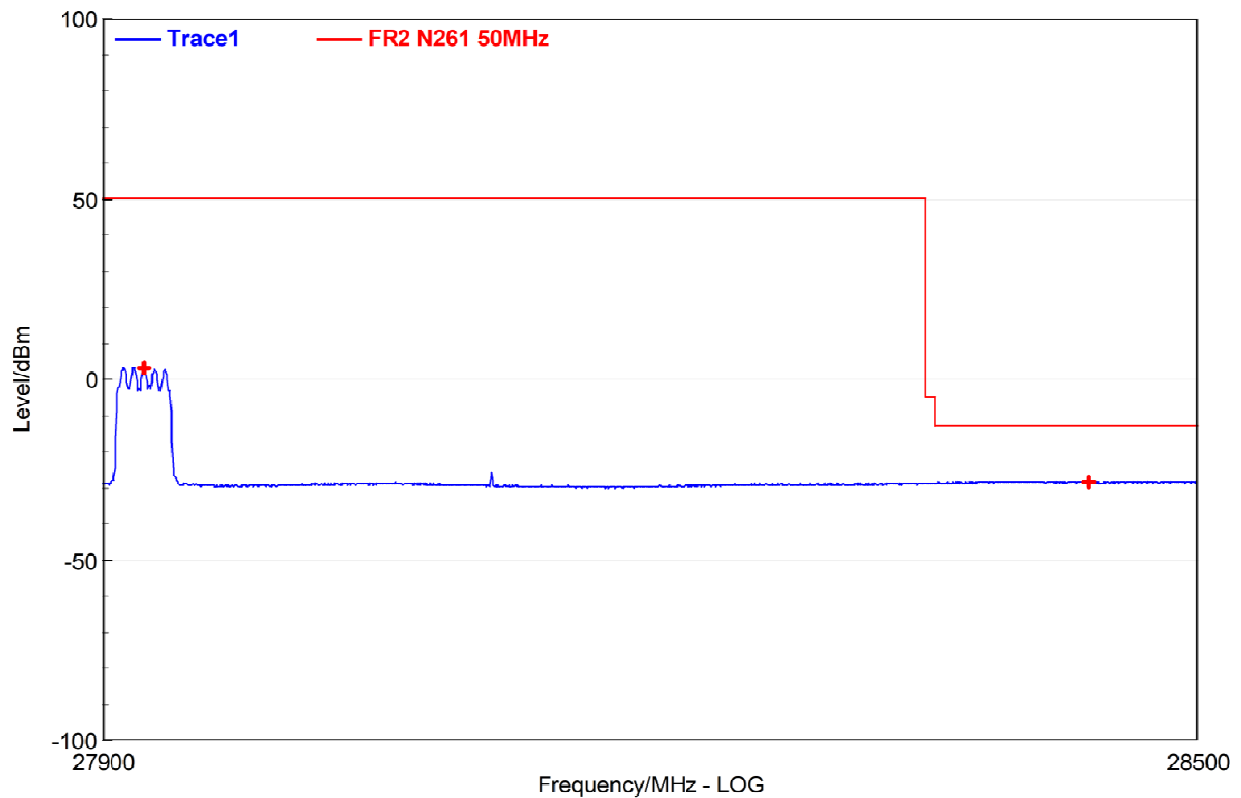
n261 2084165 Beam ID 146 SCS 120K DFT QPSK RB1@22 Bandedge EUT-X ANT-H

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	28028	-29.53	H	12.73	51.45	50	79.53
2	28298	-0.53	H	11.94	51.42	50	50.53



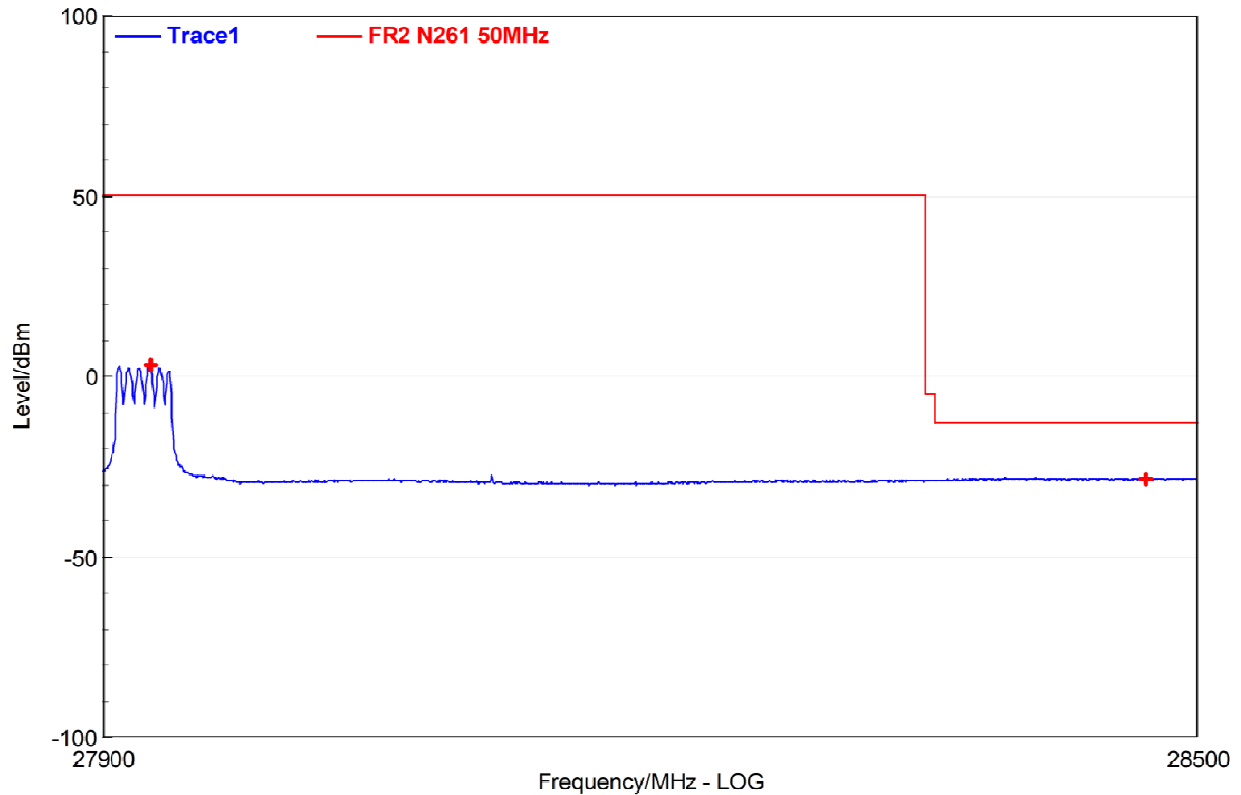
n261 2084165 Beam ID 146 SCS 120K DFT QPSK RB1@22 Bandedge EUT-X ANT-V

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	28000.5	-29.15	V	12.62	51.53	50	79.15
2	28300.5	-2.16	V	11.95	51.5	50	52.16



n261 2084165 Beam ID 146+18 SCS 120K DFT QPSK RB20@22 EUT-X ANT-H

Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	27923.5	2.74	H	12.31	51.18	50	47.27
2	28440	-28.68	H	12.4	51.71	-13	15.68

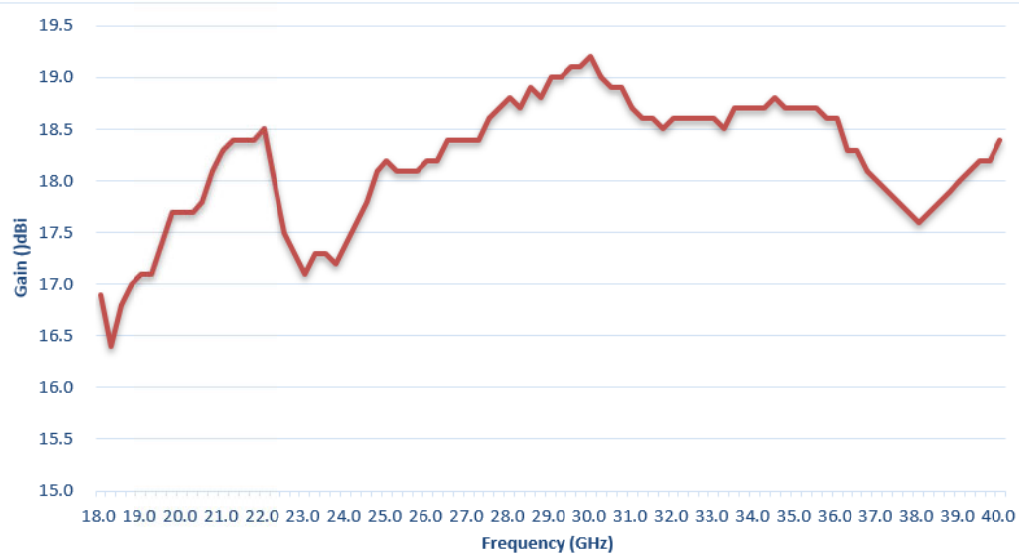


n261 2084165 Beam ID 146+18 SCS 120K DFT QPSK RB20@22 EUT-X ANT-V

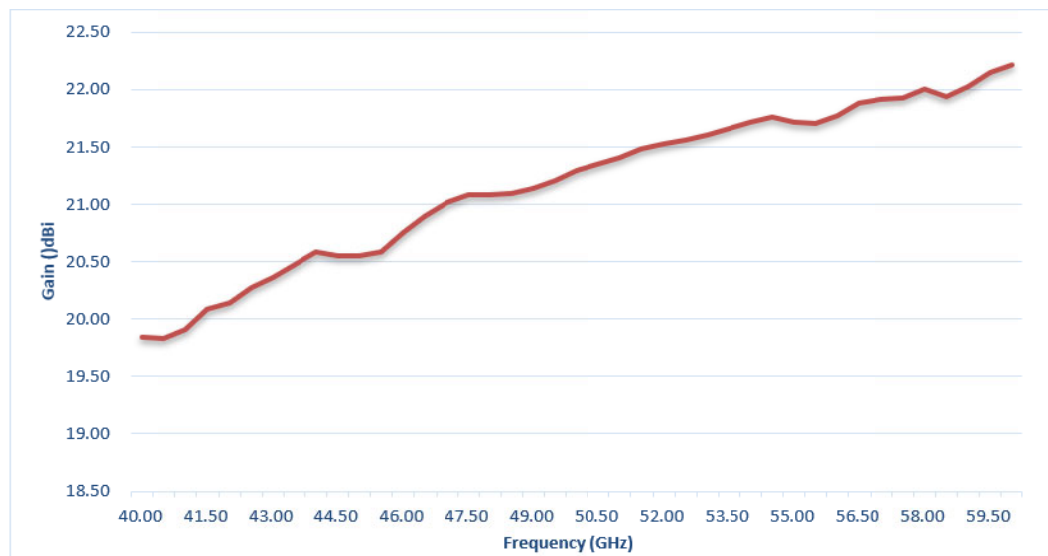
Order	Frequency (MHz)	Level (dBm)	Antenna Polar	Path Loss (dB)	Corrected Loss (dB)	Limit (dBm)	Margin (dB)
1	27926.5	2.72	V	12.32	51.39	50	47.29
2	28472	-28.51	V	12.46	51.94	-13	15.51

Annex A Antenna Gain

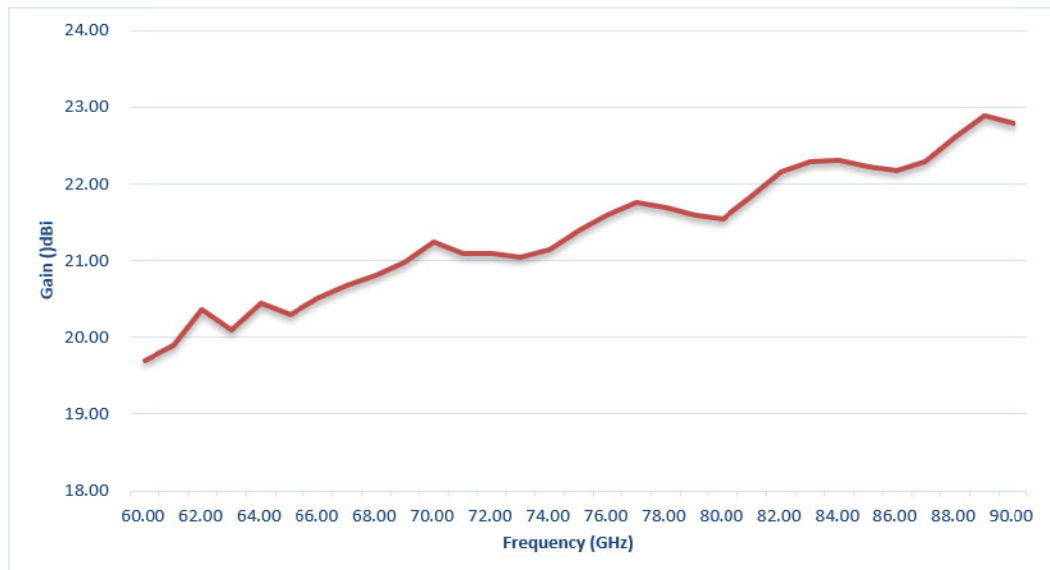
BBHA9170(18-40 GHz):



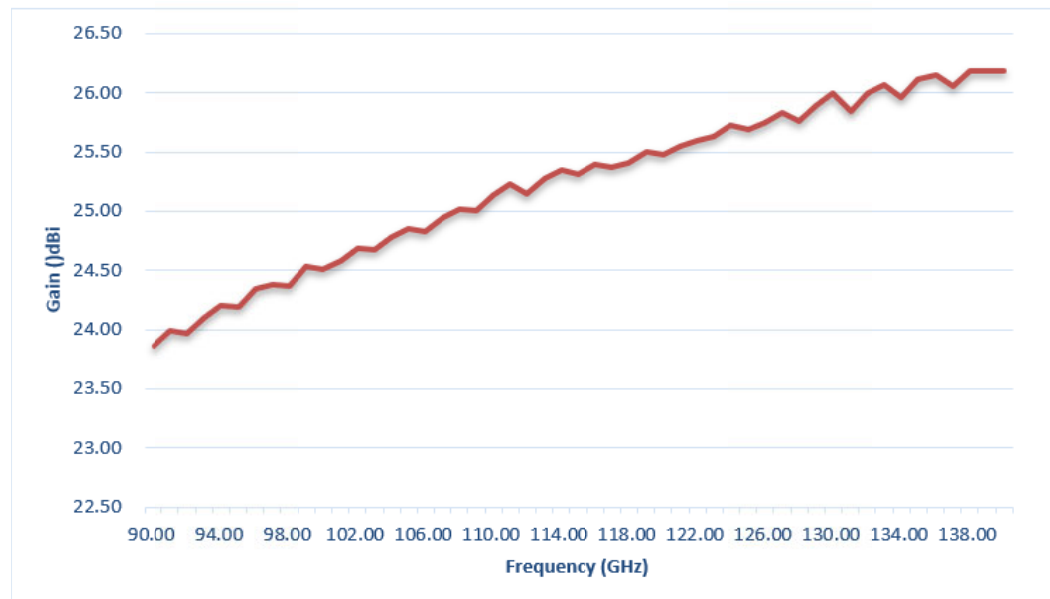
LB-19-20-A (40-60 GHz):



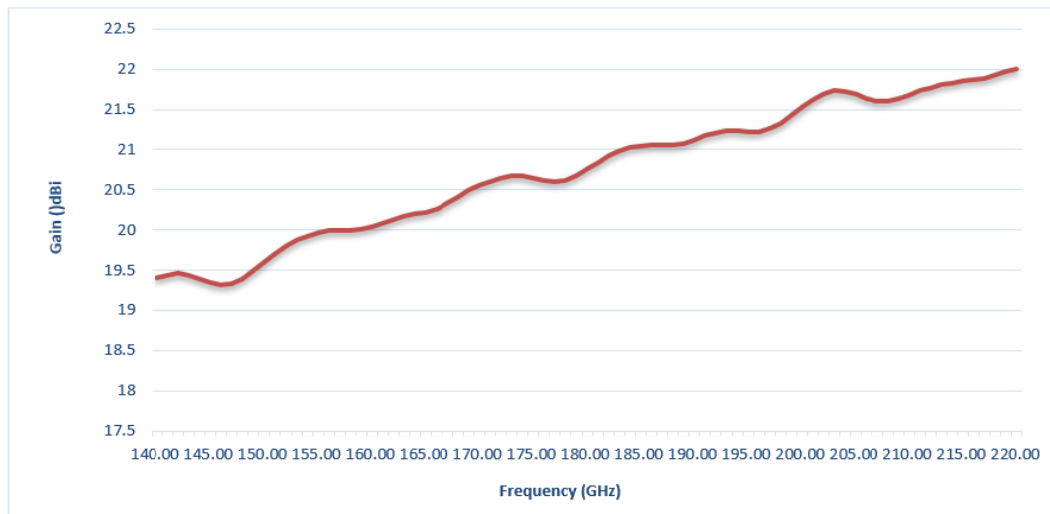
LB-12-20-A (60-90 GHz):



LB-8-25-A (90-140 GHz):



LB-5-20-A (140-220 GHz):



Annex B Test Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for test performed on the EUT as specified in CISPR 16-1-2:

Parameter	Uncertainty
Radiated Disturbance (30MHz~1GHz)	±3.42 dB
Radiated Disturbance (1GHz~18GHz)	±4.72 dB
Radiated Disturbance (18GHz~40GHz)	±5.08 dB
Radiated Disturbance (40GHz~140GHz)	±5.13 dB
Radiated Disturbance (140GHz~220GHz)	±5.21 dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.



Annex C Testing Laboratory Information

1. Identification of the Responsible Testing Laboratory

Company Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
Telephone:	+86 755 36698555
Facsimile:	+86 755 36698525

2. Identification of the Responsible Testing Location

Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China

3. Facilities and Accreditations

All measurement facilities used to collect the measurement data are located at FL.3, Building A, FeiYang Science Park, Block 67, BaoAn District, Shenzhen, 518101 P. R. China. The test site is constructed in conformance with the requirements of ANSI C63.10-2013 and CISPR Publication 22; the FCC designation number is CN1192, the test firm registration number is 226174.



Annex D Test Equipment Utilized

Equipment Name	Serial No.	Model	Manufacturer	Cal. Date	Cal. Due
Signal Analyzer	1406.6000K0 3-183151-sS	FSW43	R&S	2024.05.30	2025.05.29
Mixer(40-60GHz)	2022081902	SAFC19	Nuozhijie	2023.06.11	2025.06.10
Mixer(60-90GHz)	2022081904	SAFC12	Nuozhijie	2022.08.19	2024.08.18
Mixer(90-140GHz)	2023022002	SAFC08	Nuozhijie	2023.02.20	2025.02.19
Mixer(140-22GHz)	2023022004	SAFC05	Nuozhijie	2023.02.20	2025.02.19
Test Antenna- Horn	BBHA9170#7 73	BBHA9170	BBHA9170#77 3	2024.06.22	2025.06.21
Hybrid Antenna	9163-519	VULB 9163	SCHWARZBE CK	2022.05.25	2025.05.24
Horn Antenna	01774	BBHA 9120 D	SCHWARZBE CK	2022.07.13	2025.07.12
Horn Antenna	9170C-531	BBHA9170	SCHWARZBE CK	2022.07.14	2025.07.13
Horn Antenna	2020036000 036 037	LB-19-20-A	A-INFO	2022.07.15	2025.07.14
Horn Antenna	J202026347 348	LB-12-20-A	A-INFO	2022.07.15	2025.07.14
Horn Antenna	J202062617 621	LB-8-25-A	A-INFO	2022.07.15	2025.07.14
Horn Antenna	2020004000 025 026	LB-5-20-A	A-INFO	2022.07.15	2025.07.14
Anechoic Chamber	N/A	7m*4m*3m	CRT	2024.02.03	2025.02.02
Test software	N/A	DecenTest V01.30	DecenTest	N/A	N/A

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