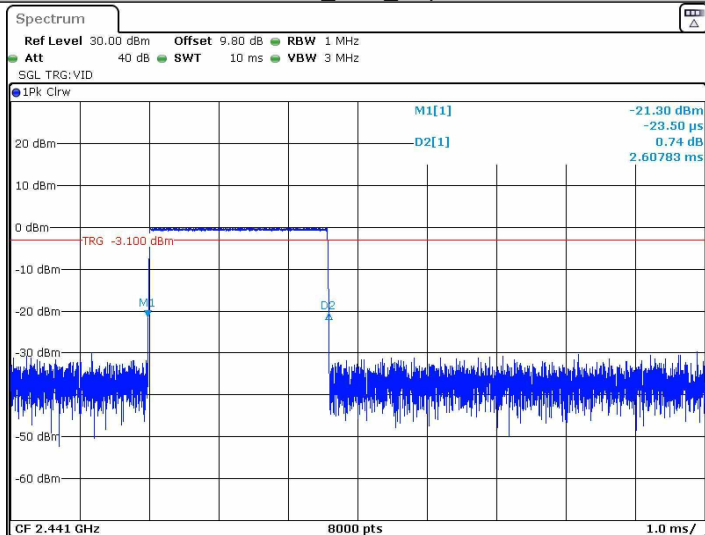
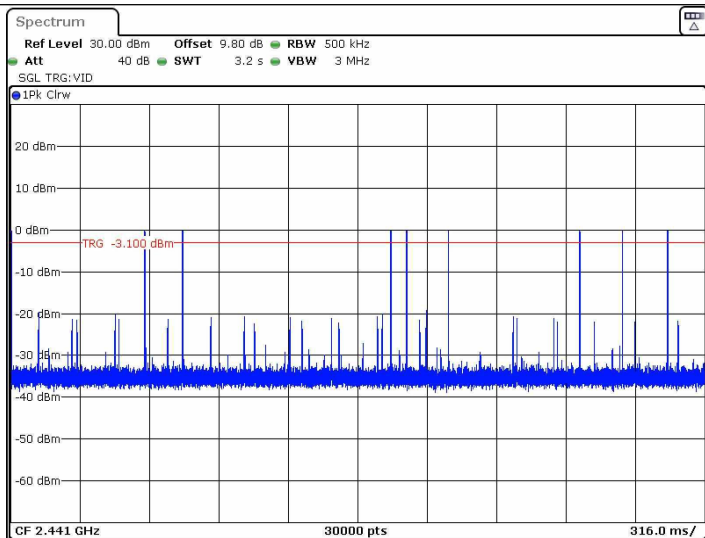


DH5_Ant1_Hop

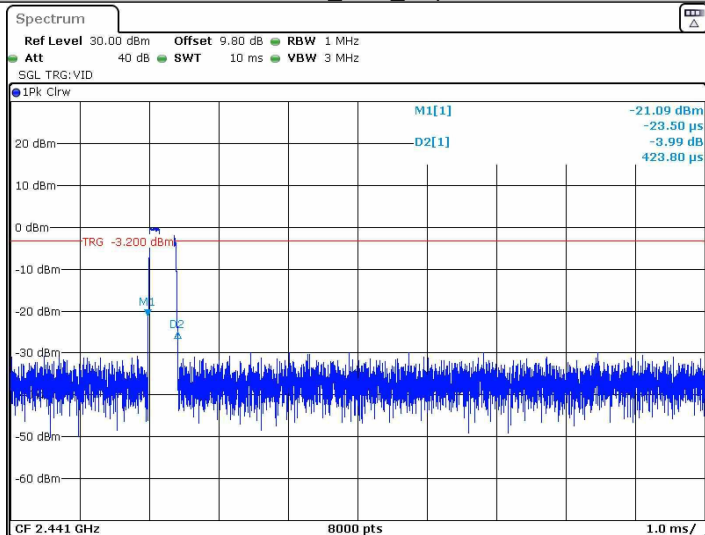


Date: 21. JAN 2022 04:00:38

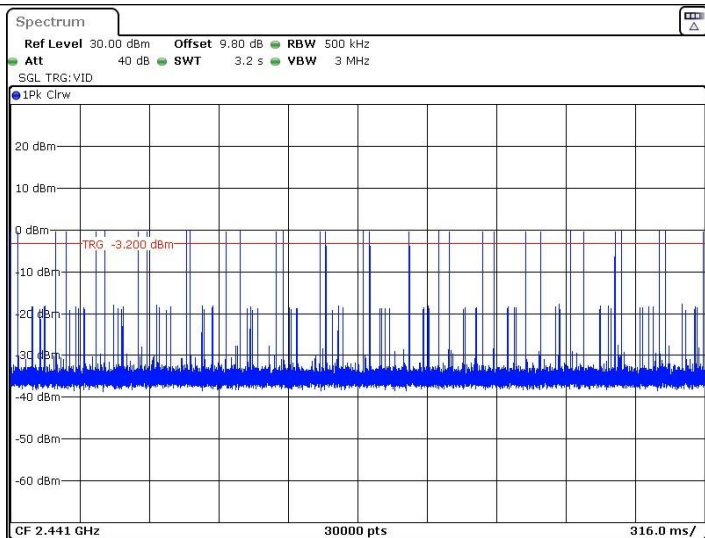


Date: 21. JAN 2022 04:00:44

2DH1_Ant1_Hop

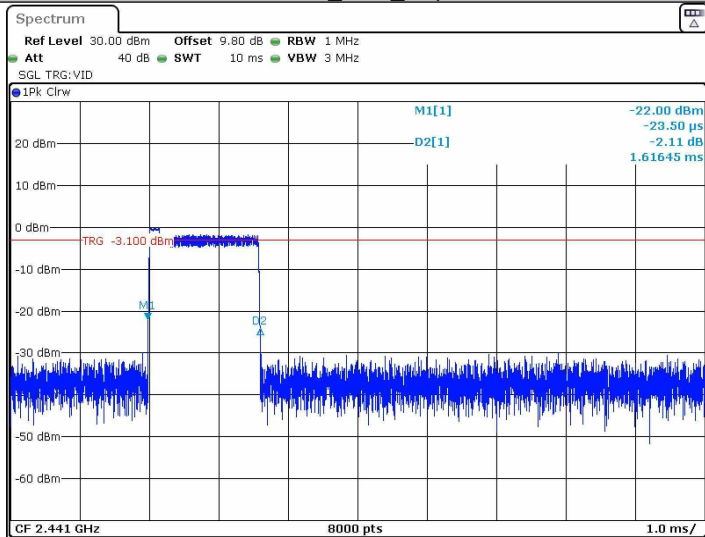


Date: 21. JAN 2022 06:17:21

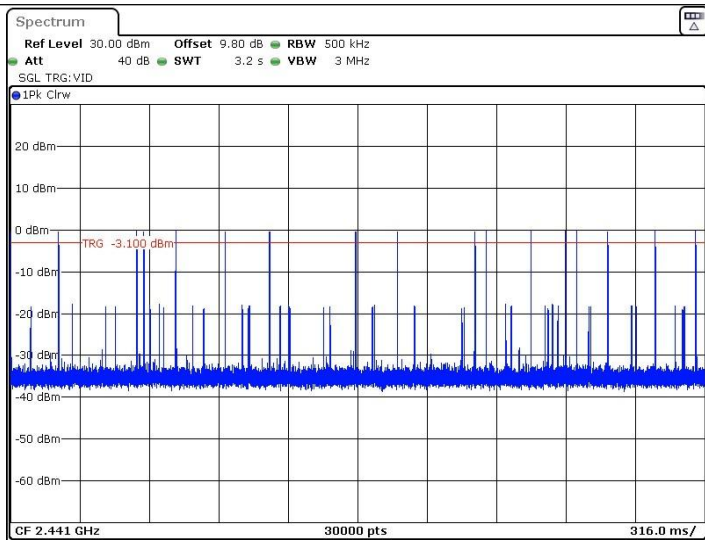


Date: 21. JAN 2022 06:17:27

2DH3_Ant1_Hop

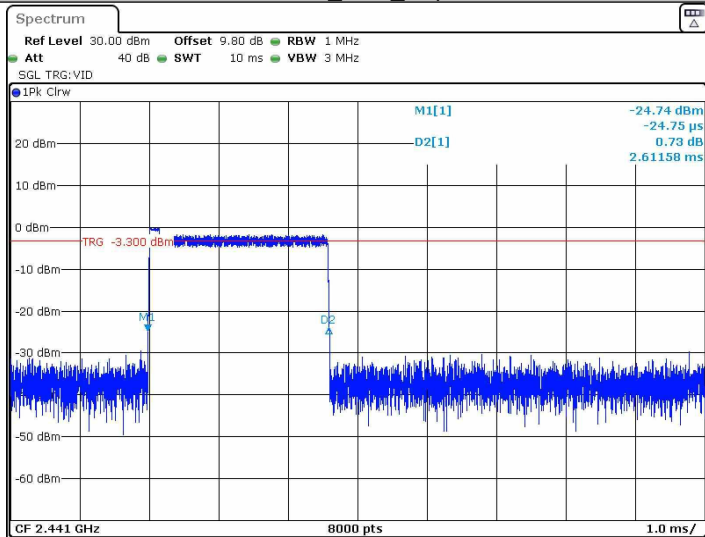


Date: 21. JAN 2022 06:20:08

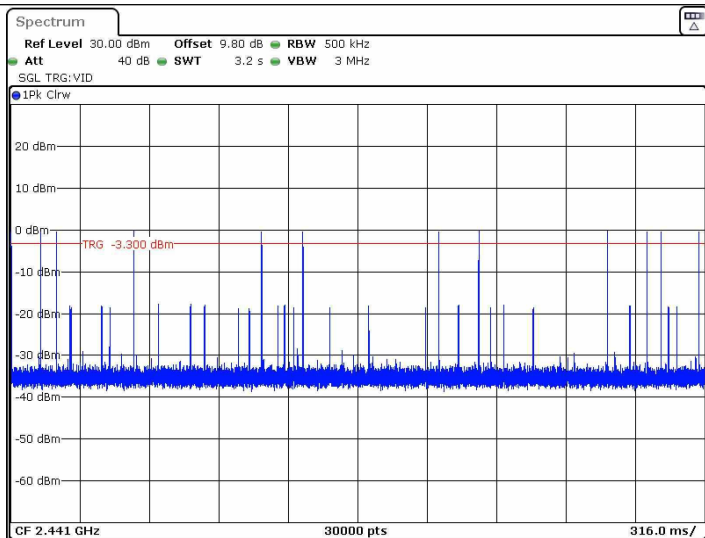


Date: 21. JAN 2022 06:20:14

2DH5_Ant1_Hop

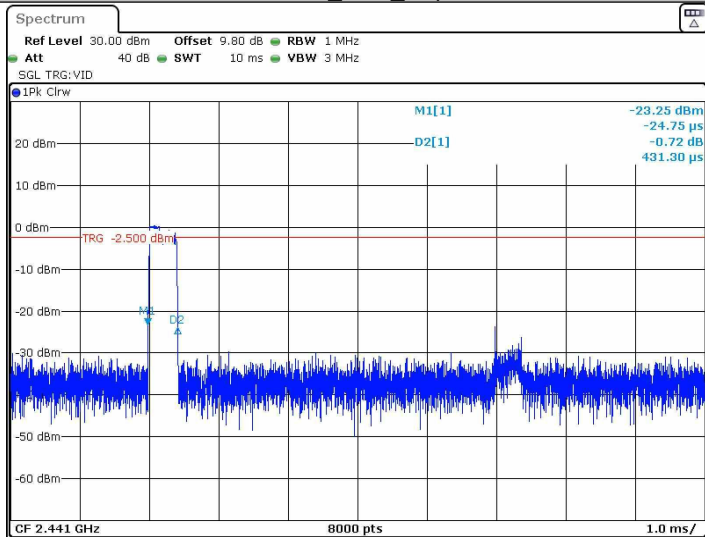


Date: 21. JAN 2022 06:16:34

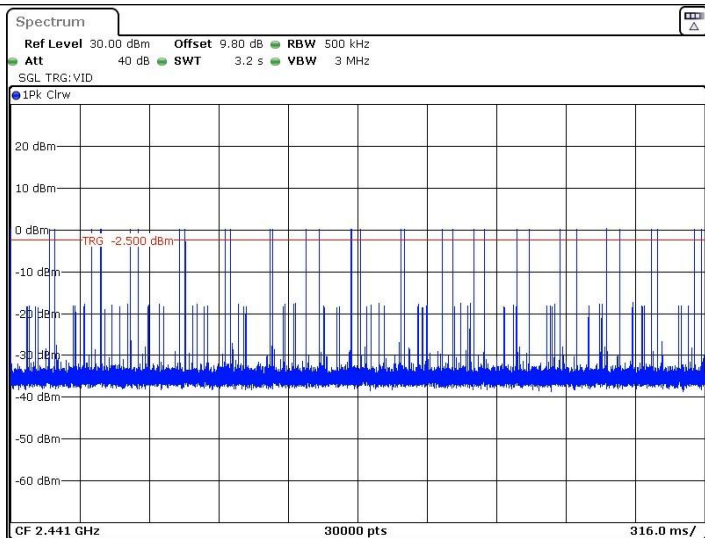


Date: 21. JAN 2022 06:16:40

3DH1_Ant1_Hop

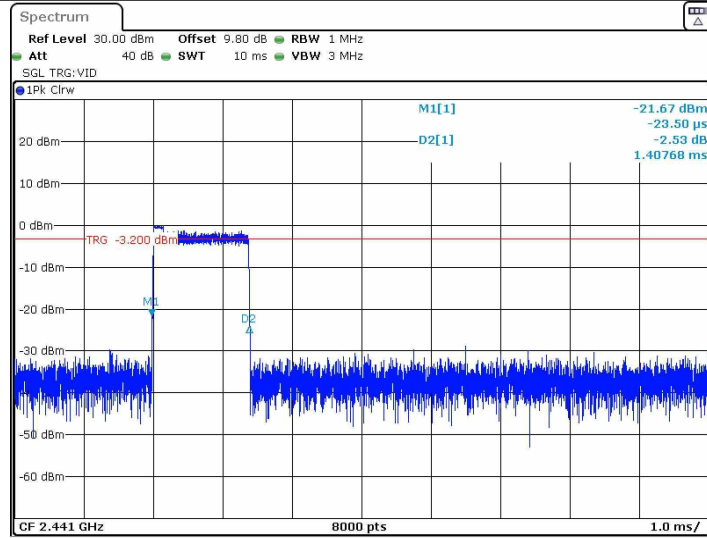


Date: 9.FEB.2022 02:47:12

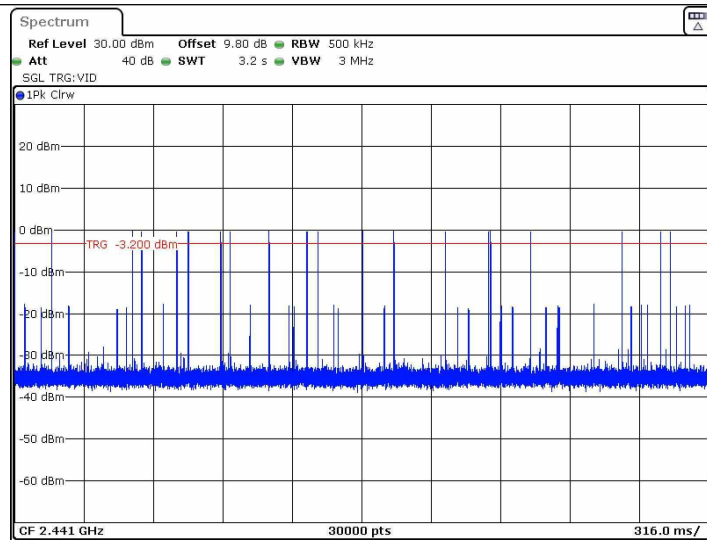


Date: 9.FEB.2022 02:47:18

3DH3_Ant1_Hop

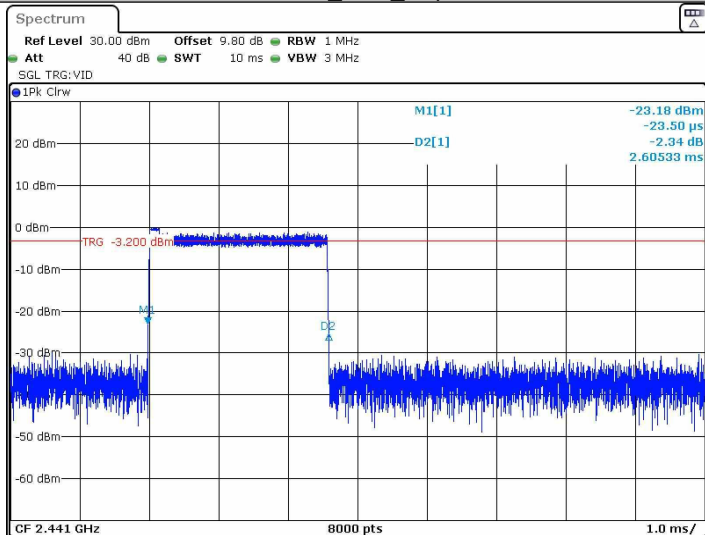


Date: 21.JAN.2022 06:31:51

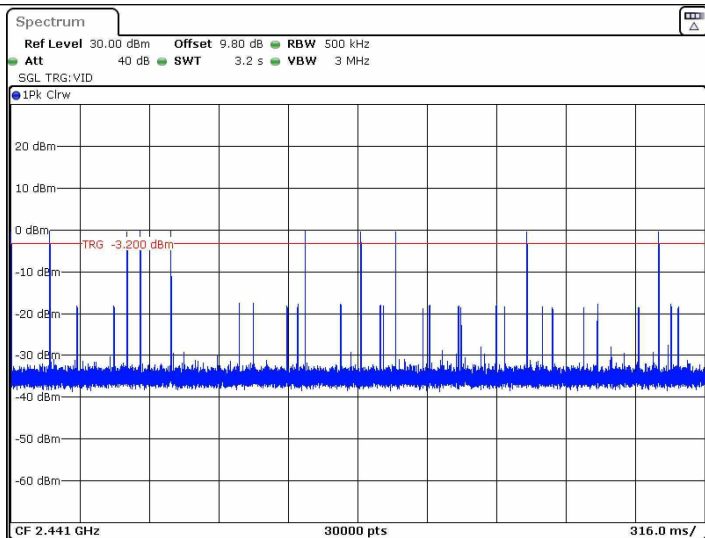


Date: 21.JAN.2022 06:31:57

3DH5_Ant1_Hop

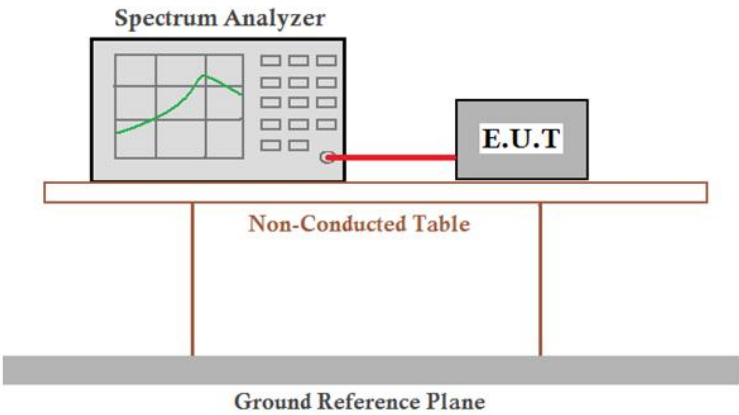


Date: 21. JAN 2022 06:27:29



Date: 21. JAN 2022 06:27:35

5.8 Band-edge for RF Conducted Emissions

Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10:2013
Test Setup:	 <i>Remark: Offset=cable loss+ attenuation factor.</i>
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Exploratory Test Mode:	Hopping and Non-hopping transmitting with all kind of modulation and all kind of data type
Final Test Mode:	Through Pre-scan, find the DH5 of data type is the worst case of GFSK modulation type, 2-DH5 of data type is the worst case of $\pi/4$ DQPSK modulation type, 3-DH5 of data type is the worst case of 8DPSK modulation type. Only the worst case is recorded in the report.
Test Results:	Pass

Measurement Data

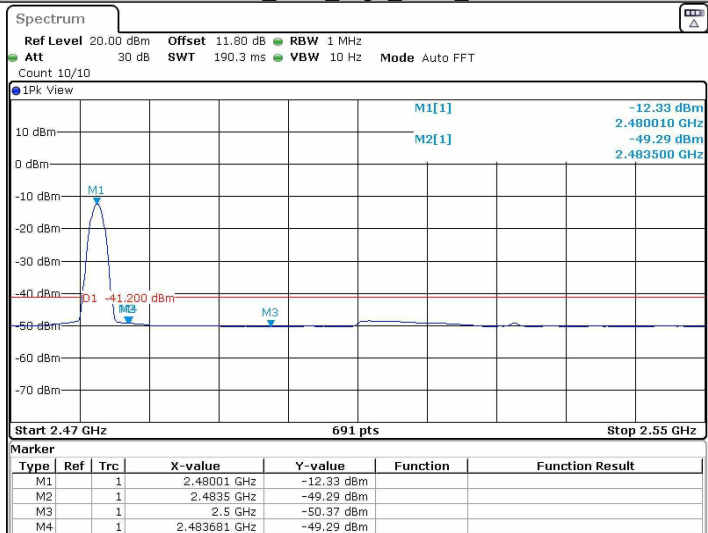
TestMode	Antenna	ChName	Channel	Detector	Freq	Result	Limit	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-50.34	≤-41.20	PASS
				AV	2340.174	-48.71	≤-41.20	PASS
				AV	2390.000	-50.35	≤-41.20	PASS
				Peak	2310.000	-38.55	≤-21.20	PASS
				Peak	2386.739	-34.65	≤-21.20	PASS
				Peak	2390.000	-38.89	≤-21.20	PASS
		High	2480	AV	2483.500	-49.29	≤-41.20	PASS
				AV	2483.681	-49.29	≤-41.20	PASS
				AV	2500.000	-50.37	≤-41.20	PASS
				Peak	2483.500	-29.68	≤-21.20	PASS
				Peak	2483.913	-27.91	≤-21.20	PASS
				Peak	2500.000	-38.53	≤-21.20	PASS
		Low	Hop_2402	Peak	2310.000	-37.74	≤-21.20	PASS
				Peak	2363.457	-36.99	≤-21.20	PASS
				Peak	2390.000	-38.74	≤-21.20	PASS
		High	Hop_2480	Peak	2483.500	-40.58	≤-21.20	PASS
				Peak	2495.971	-36.96	≤-21.20	PASS
				Peak	2500.000	-38.79	≤-21.20	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-50.34	≤-41.20	PASS
				AV	2340.478	-48.74	≤-41.20	PASS
				AV	2390.000	-50.37	≤-41.20	PASS
				Peak	2310.000	-38.41	≤-21.20	PASS
				Peak	2340.935	-36.26	≤-21.20	PASS
				Peak	2390.000	-38.09	≤-21.20	PASS
		High	2480	AV	2483.500	-47.94	≤-41.20	PASS
				AV	2483.565	-48.04	≤-41.20	PASS
				AV	2500.000	-50.38	≤-41.20	PASS
				Peak	2483.500	-37.02	≤-21.20	PASS
				Peak	2484.493	-34.81	≤-21.20	PASS
				Peak	2500.000	-39.09	≤-21.20	PASS
		Low	Hop_2402	Peak	2310.000	-38.78	≤-21.20	PASS
				Peak	2350.674	-36.94	≤-21.20	PASS
				Peak	2390.000	-39.39	≤-21.20	PASS
		High	Hop_2480	Peak	2483.500	-39.32	≤-21.20	PASS
				Peak	2491.797	-36.99	≤-21.20	PASS
				Peak	2500.000	-38.54	≤-21.20	PASS

3DH5	Ant1	Low	2402	AV	2310.000	-50.34	≤-41.20	PASS
				AV	2340.022	-48.73	≤-41.20	PASS
				AV	2390.000	-50.41	≤-41.20	PASS
				Peak	2310.000	-37.72	≤-21.20	PASS
				Peak	2328.000	-35.76	≤-21.20	PASS
				Peak	2390.000	-38.61	≤-21.20	PASS
		High	2480	AV	2483.500	-47.96	≤-41.20	PASS
				AV	2483.565	-48.05	≤-41.20	PASS
				AV	2500.000	-50.42	≤-41.20	PASS
				Peak	2483.500	-31.49	≤-21.20	PASS
				Peak	2483.797	-29.64	≤-21.20	PASS
				Peak	2500.000	-38.49	≤-21.20	PASS
		Low	Hop_2402	Peak	2310.000	-39.5	≤-21.20	PASS
				Peak	2340.630	-34.47	≤-21.20	PASS
				Peak	2390.000	-38.82	≤-21.20	PASS
		High	Hop_2480	Peak	2483.500	-39.49	≤-21.20	PASS
				Peak	2490.406	-37.42	≤-21.20	PASS
				Peak	2500.000	-37.74	≤-21.20	PASS

Test plot as follows:

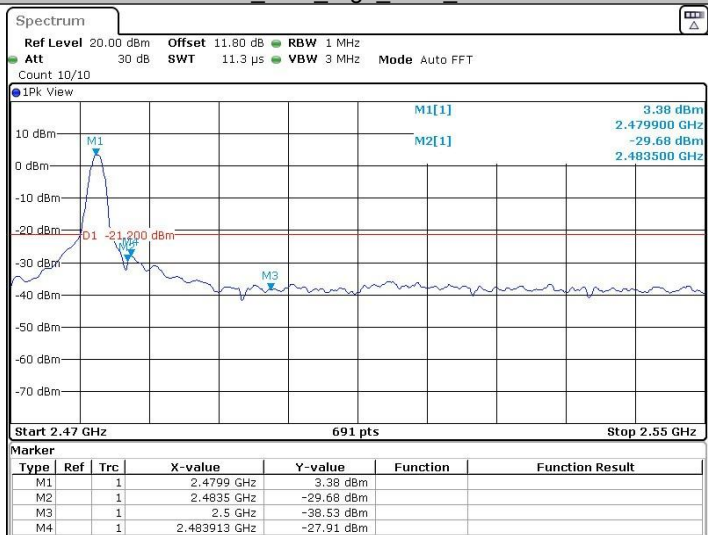


DH5_Ant1_High_2480_AV



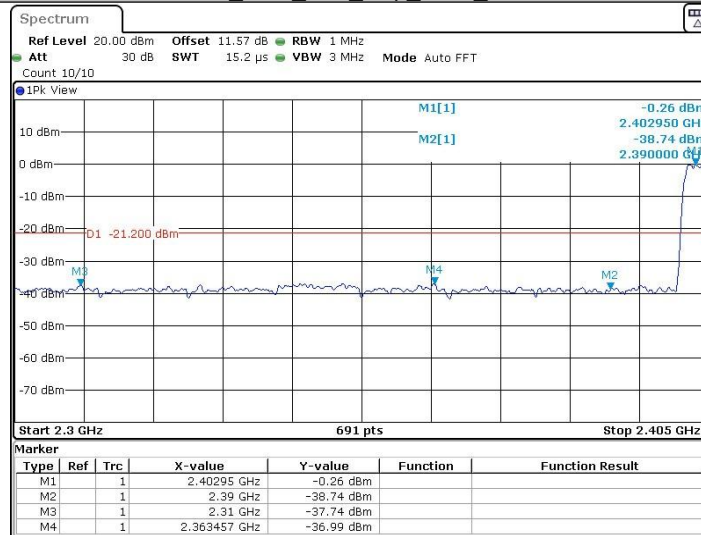
Date: 21.JAN.2022 02:04:09

DH5_Ant1_High_2480_Peak



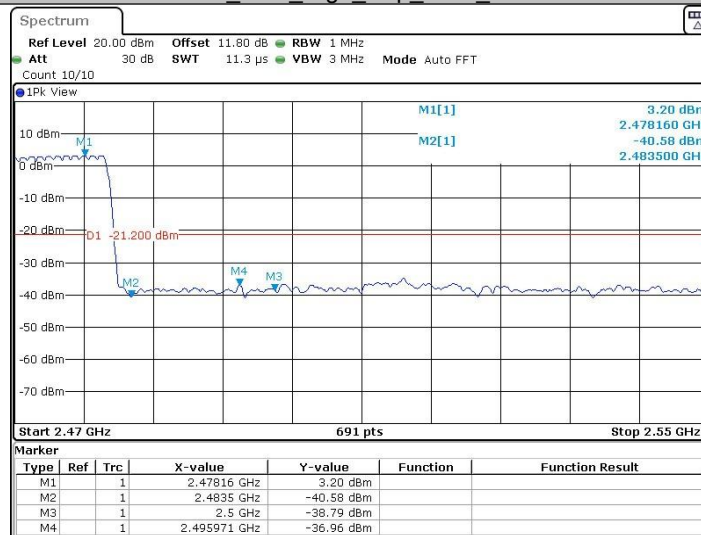
Date: 21.JAN.2022 02:03:59

DH5_Ant1_Low_Hop_2402_Peak



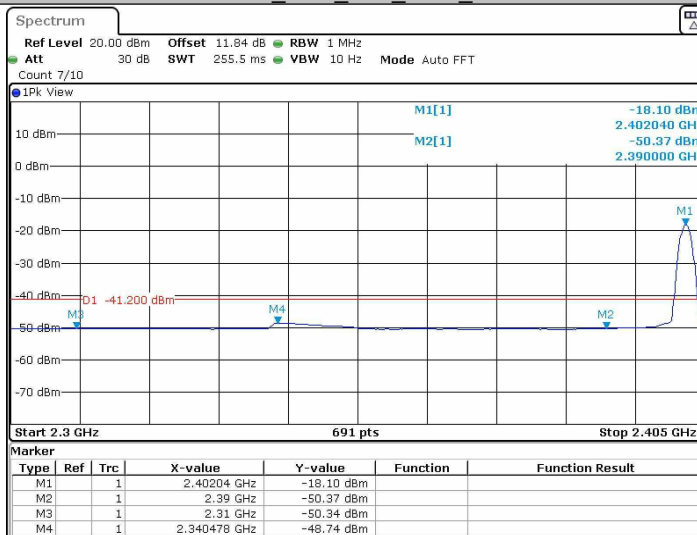
Date: 21. JAN 2022 03:44:00

DH5_Ant1_High_Hop_2480_Peak



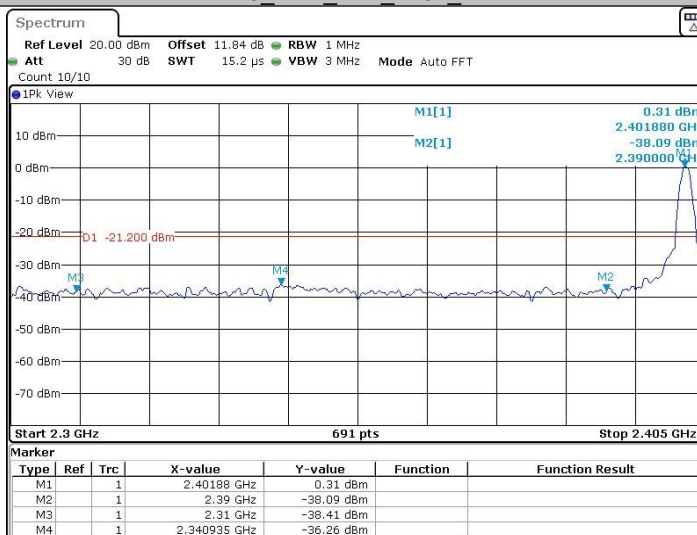
Date: 21. JAN 2022 06:10:26

2DH5_Ant1_Low_2402_AV



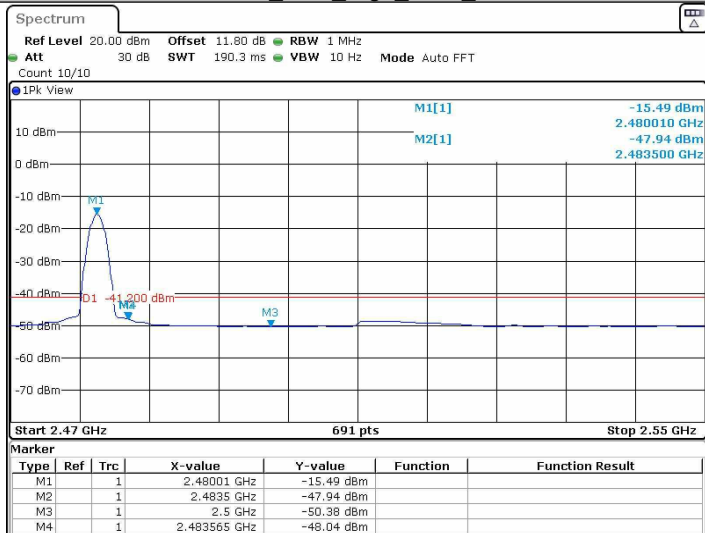
Date: 21.JAN.2022 02:08:46

2DH5_Ant1_Low_2402_Peak



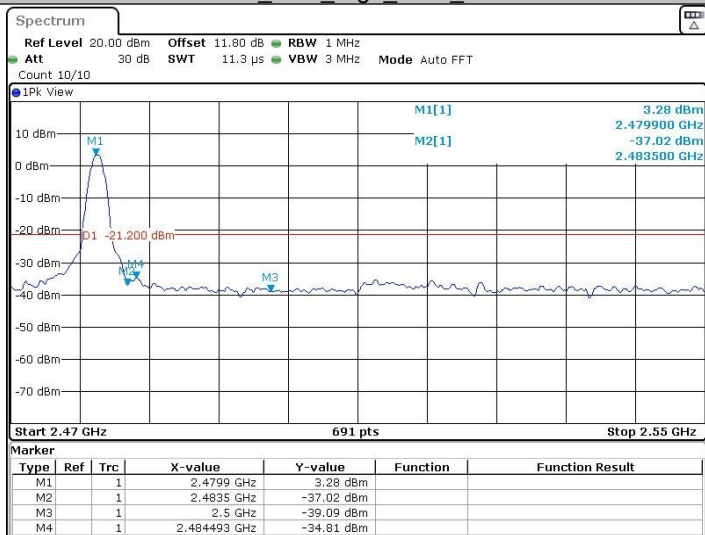
Date: 21.JAN.2022 02:08:36

2DH5_Ant1_High_2480_AV



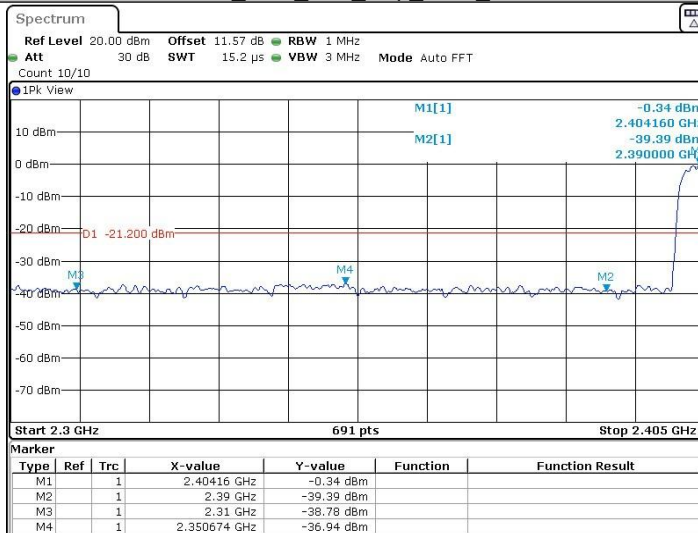
Date: 21.JAN.2022 02:24:11

2DH5_Ant1_High_2480_Peak



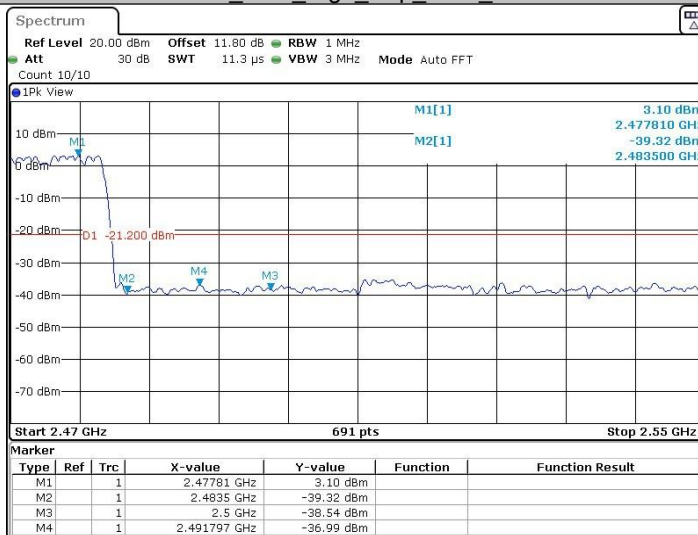
Date: 21.JAN.2022 02:24:01

2DH5_Ant1_Low_Hop_2402_Peak



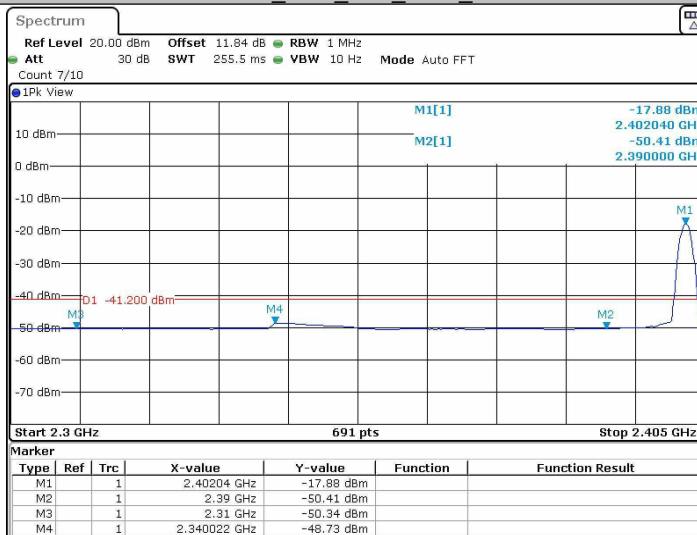
Date: 21.JAN.2022 06:13:11

2DH5_Ant1_High_Hop_2480_Peak



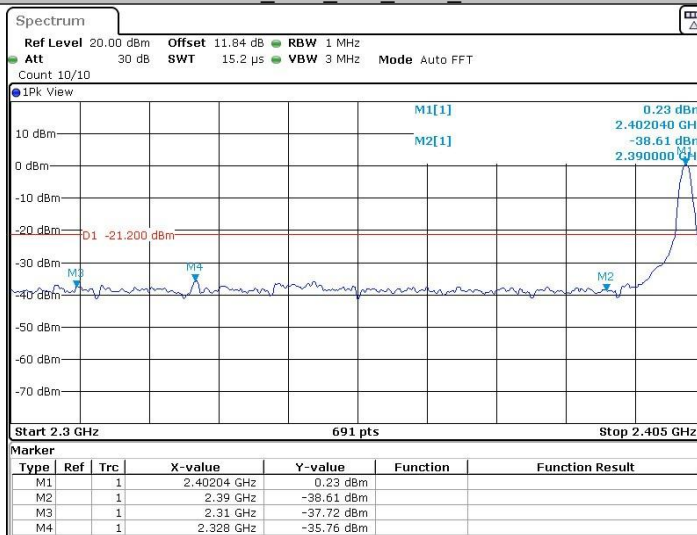
Date: 21.JAN.2022 06:21:42

3DH5_Ant1_Low_2402_AV



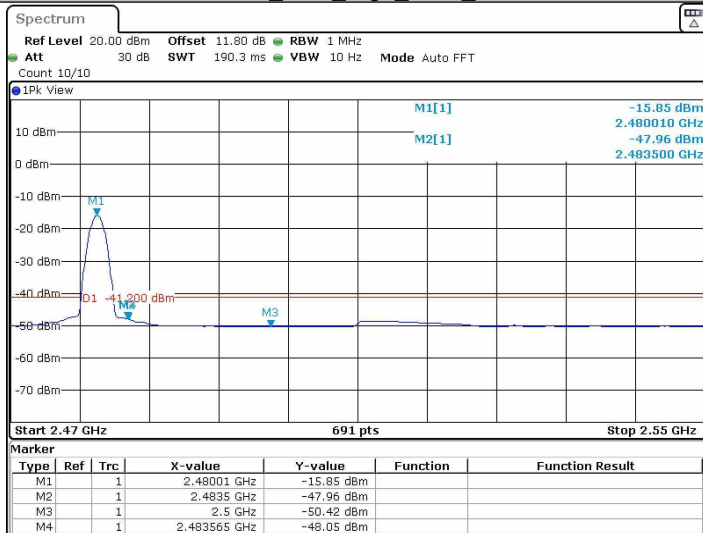
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3DH5_Ant1_Low_2402_Peak



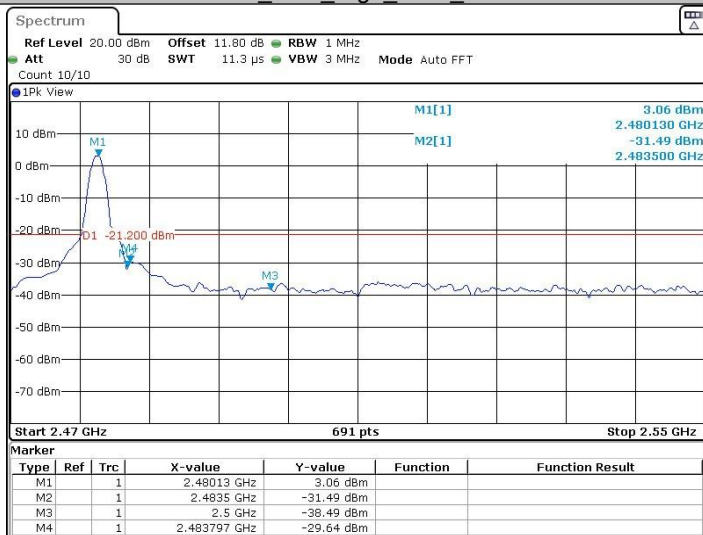
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3DH5_Ant1_High_2480_AV



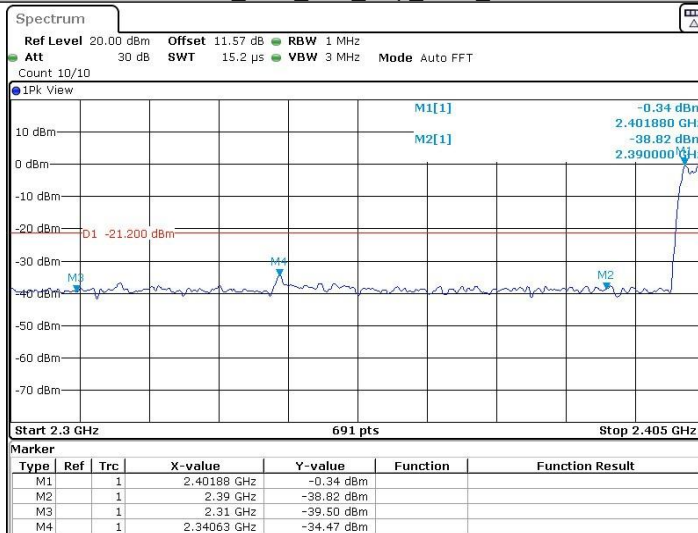
Date: 21. JAN 2022 03:39:47

3DH5_Ant1_High_2480_Peak



Date: 21. JAN 2022 03:39:37

3DH5_Ant1_Low_Hop_2402_Peak



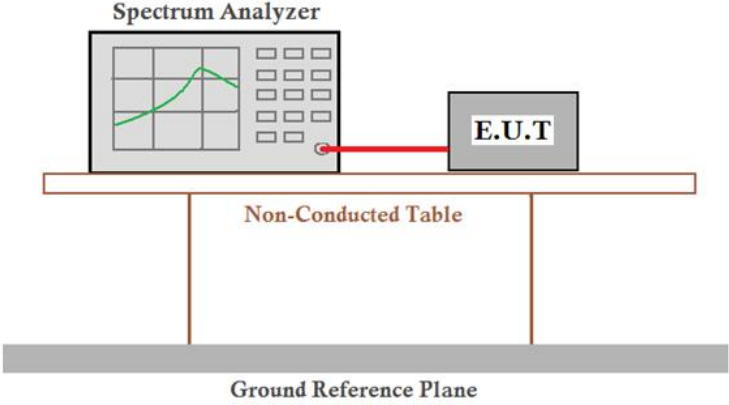
Date: 21.JAN.2022 06:23:12

3DH5_Ant1_High_Hop_2480_Peak

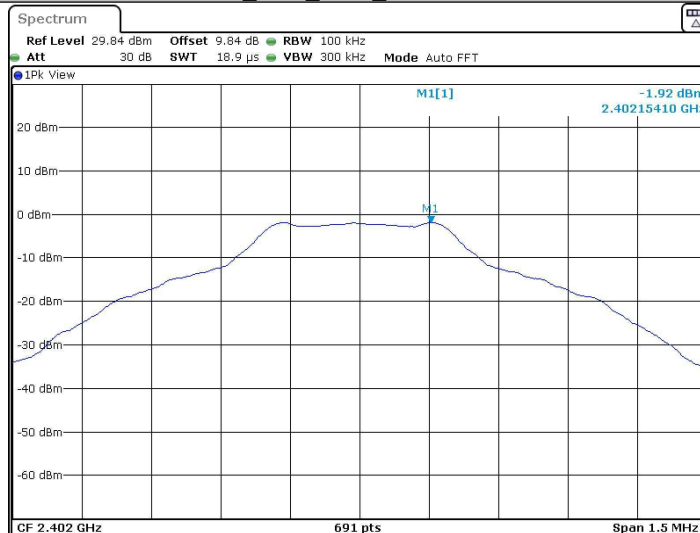


Date: 21.JAN.2022 06:33:42

5.9 Spurious RF Conducted Emissions

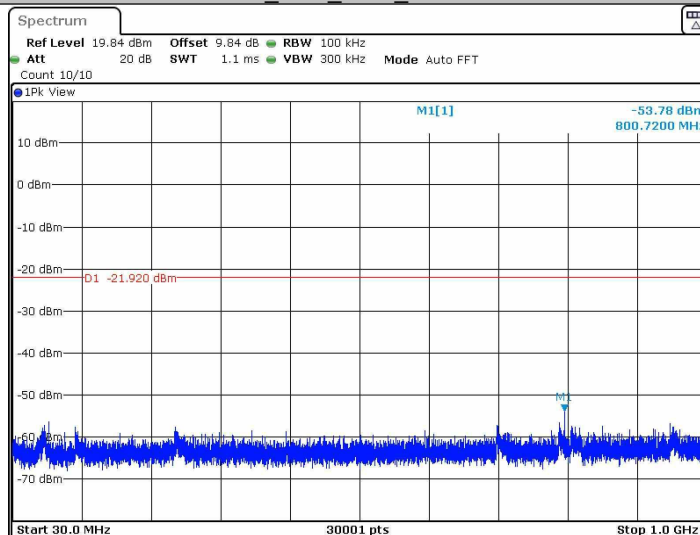
Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10:2013
Test Setup:	 Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane <i>Remark: Offset=cable loss+ attenuation factor.</i>
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Exploratory Test Mode:	Non-hopping transmitting with all kind of modulation and all kind of data type
Final Test Mode:	Through Pre-scan, find the DH5 of data type is the worst case of GFSK modulation type, 2-DH5 of data type is the worst case of $\pi/4$ DQPSK modulation type, 3-DH5 of data type is the worst case of 8DPSK modulation type.
Test Results:	Pass

DH5_Ant1_2402_0~Reference



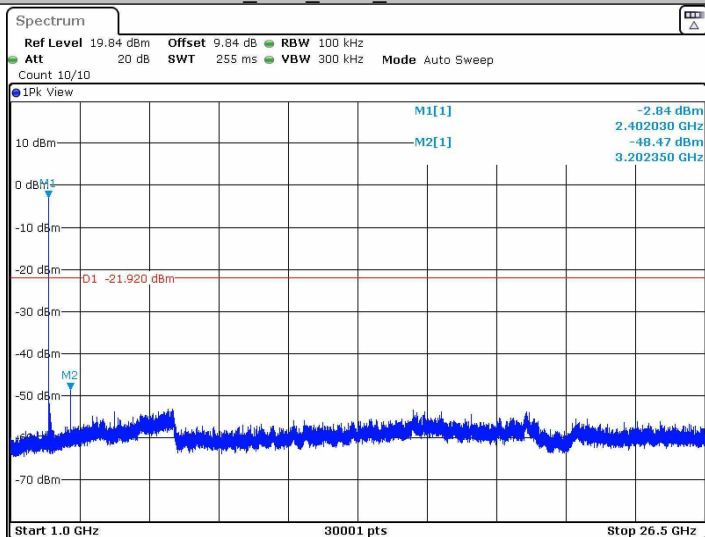
Date: 21.JAN.2022 01:53:30

DH5_Ant1_2402_30~1000



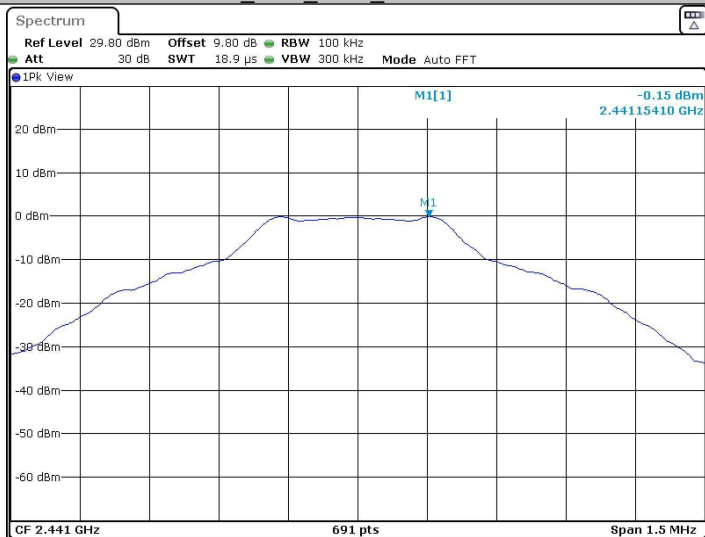
Date: 21.JAN.2022 01:53:35

DH5_Ant1_2402_1000~26500



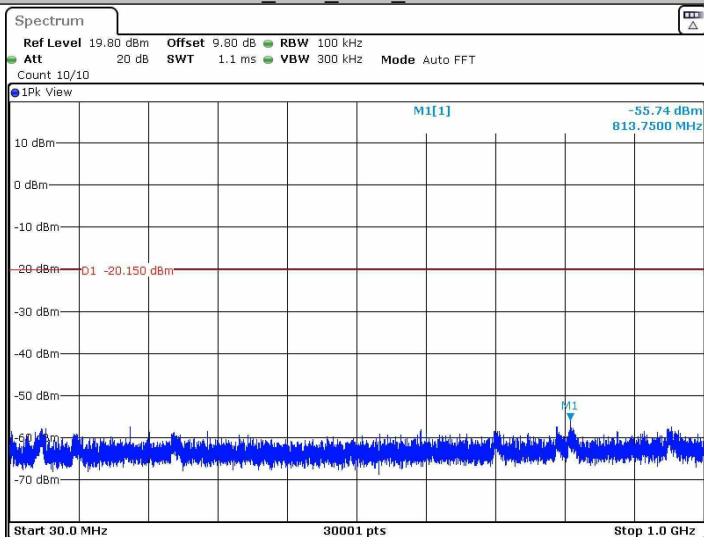
Date: 21.JAN.2022 01:53:57

DH5_Ant1_2441_0~Reference



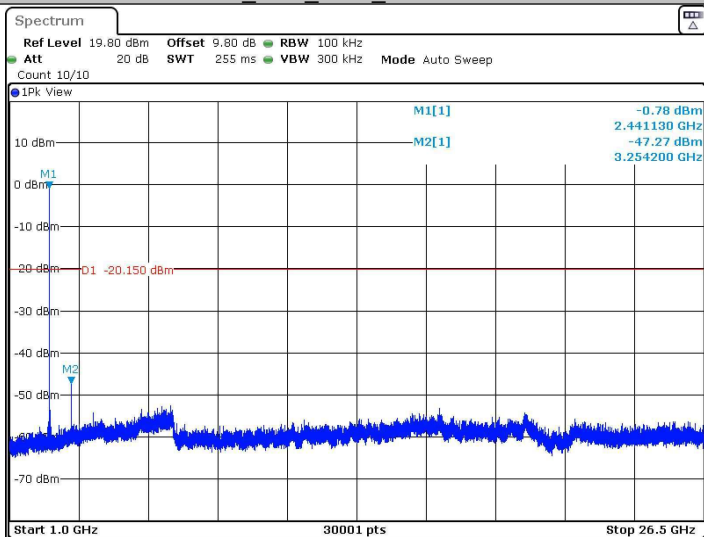
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DH5_Ant1_2441_30~1000



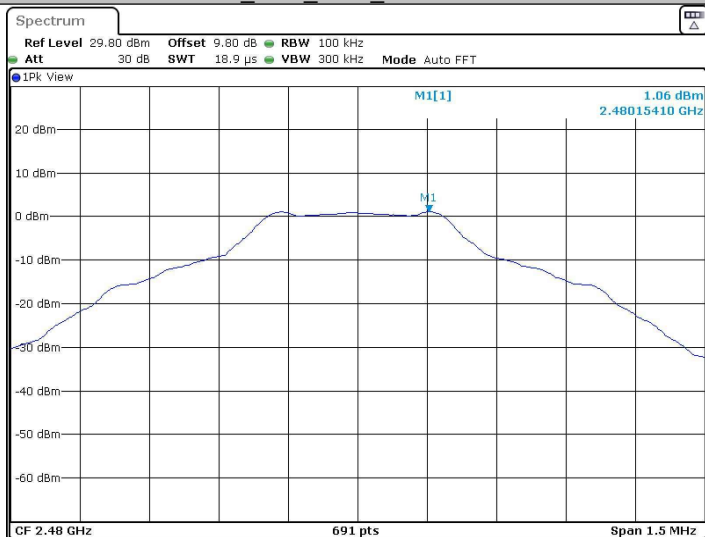
Date: 21.JAN.2022 01:56:35

DH5_Ant1_2441_1000~26500



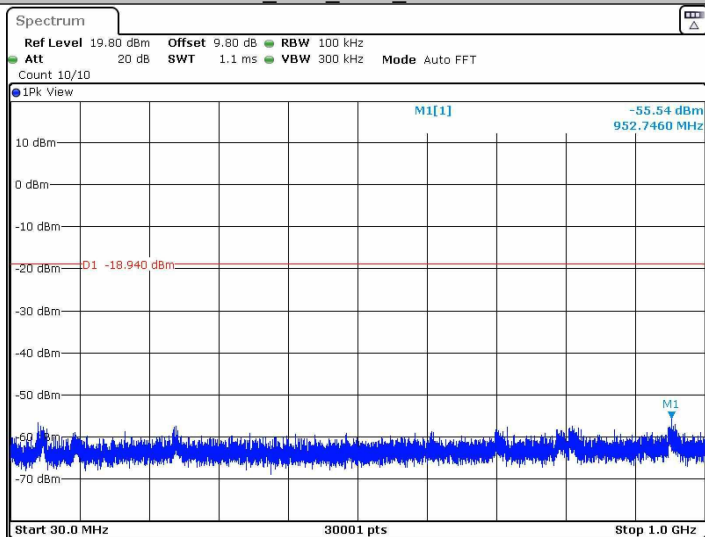
Date: 21.JAN.2022 01:56:57

DH5_Ant1_2480_0~Reference



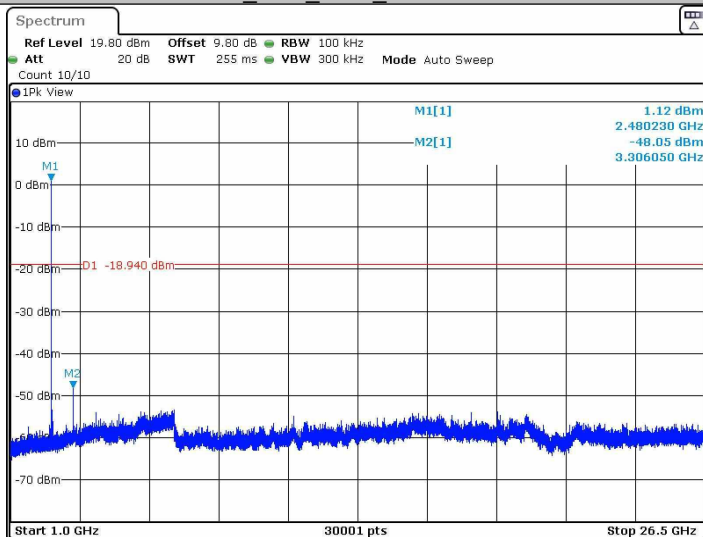
Date: 21.JAN.2022 02:04:16

DH5_Ant1_2480_30~1000



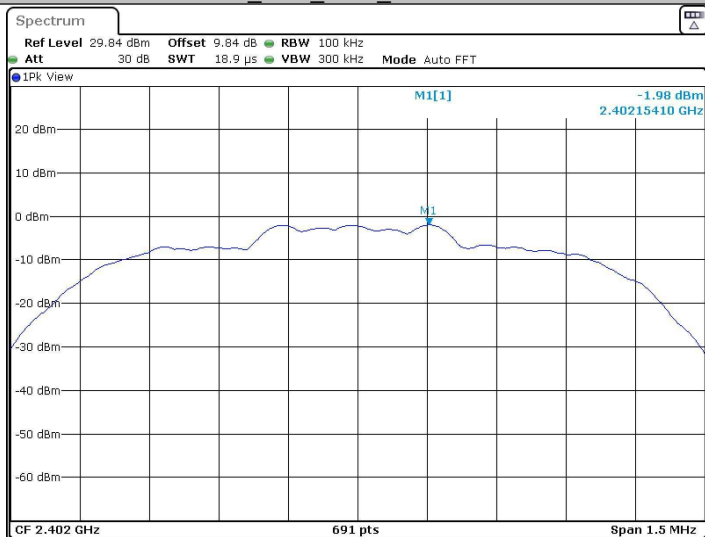
Date: 21.JAN.2022 02:04:20

DH5_Ant1_2480_1000~26500



Date: 21.JAN.2022 02:04:42

2DH5_Ant1_2402_0~Reference



Date: 21.JAN.2022 02:08:53