

Appendix A

RF Test Data for BT(BDR/EDR) (Conducted Measurement)

Product Name: Wireless Earphone

Trade Mark: TECNO

Test Model: BD01

FCC ID: 2ADYY-BD01

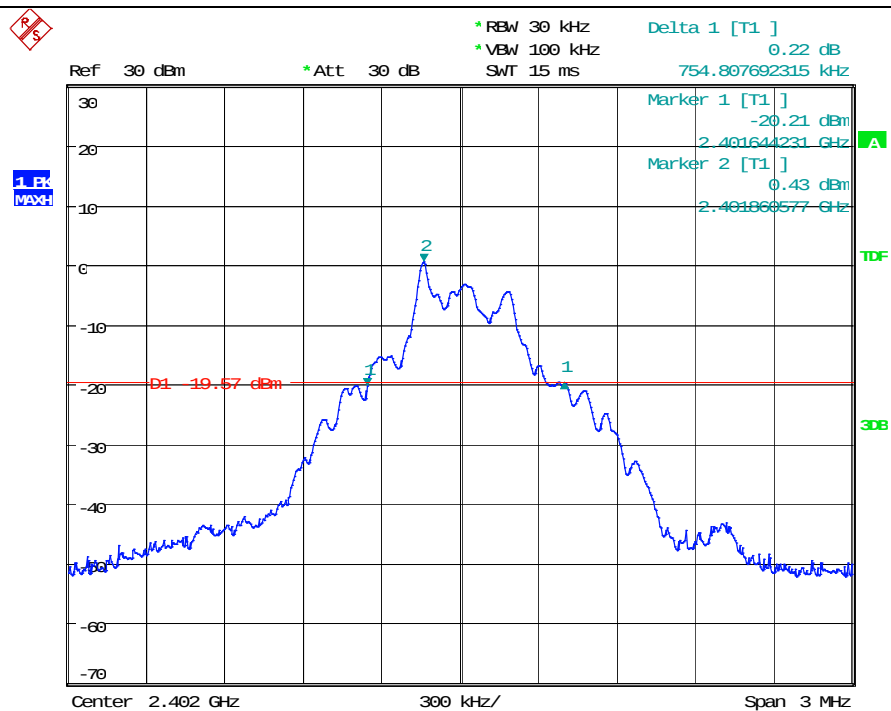
Environmental Conditions

Temperature:	22.8° C
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Nancy Li
Supervised by:	Hugo Chen

A.1 20 dB Bandwidth

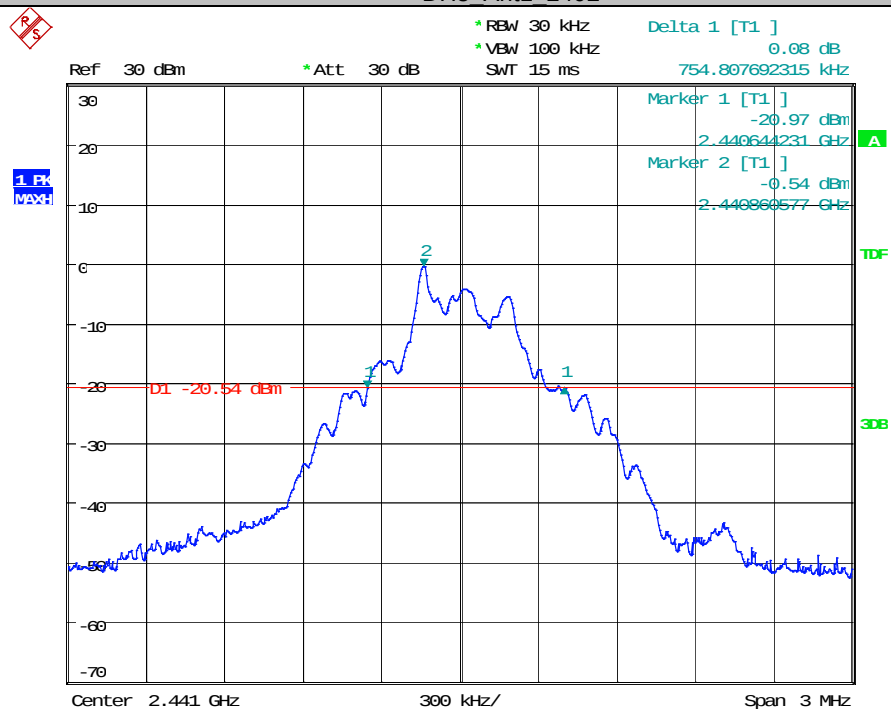
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.755	2401.644	2402.861	---	PASS
		2441	0.755	2440.644	2440.861	---	PASS
		2480	0.755	2479.649	2479.861	---	PASS
2DH5	Ant1	2402	1.442	2401.442	2402.144	---	PASS
		2441	1.442	2440.442	2441.144	---	PASS
		2480	1.442	2479.442	2480.144	---	PASS
3DH5	Ant1	2402	1.245	2401.394	2401.861	---	PASS
		2441	1.250	2440.389	2441.019	---	PASS
		2480	1.240	2479.394	2480.019	---	PASS

Test Graph



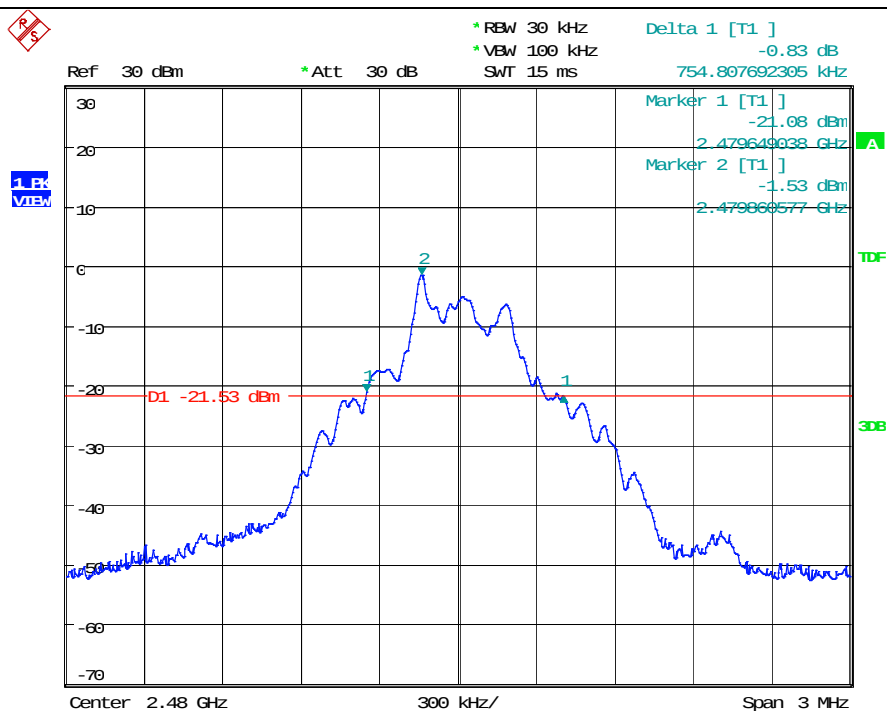
Date: 8.SEP.2020 10:37:12

DH5 Ant1 2402



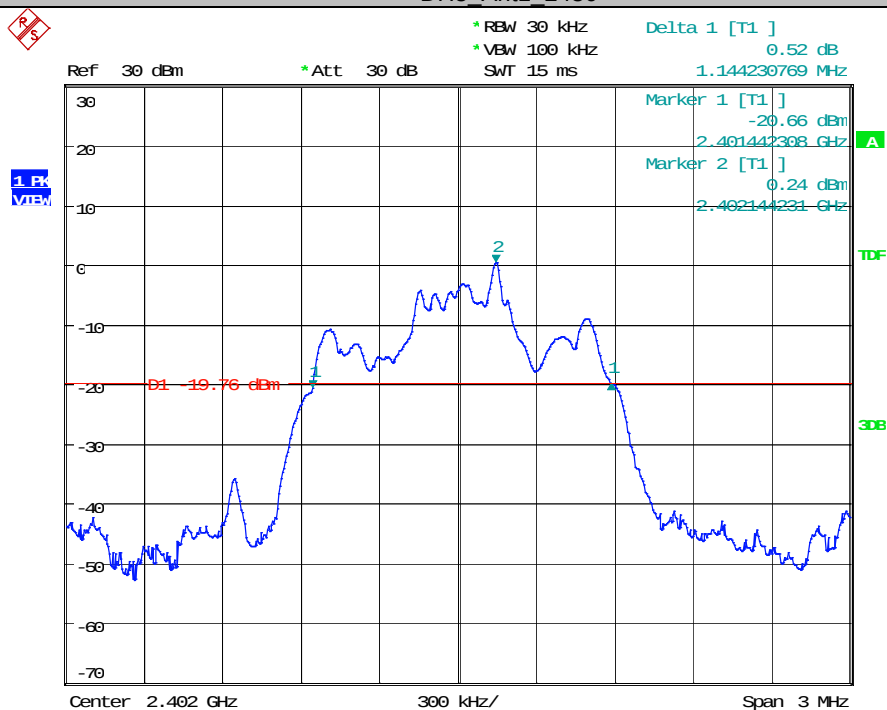
Date: 8.SEP.2020 11:13:58

DH5 Ant1 2441



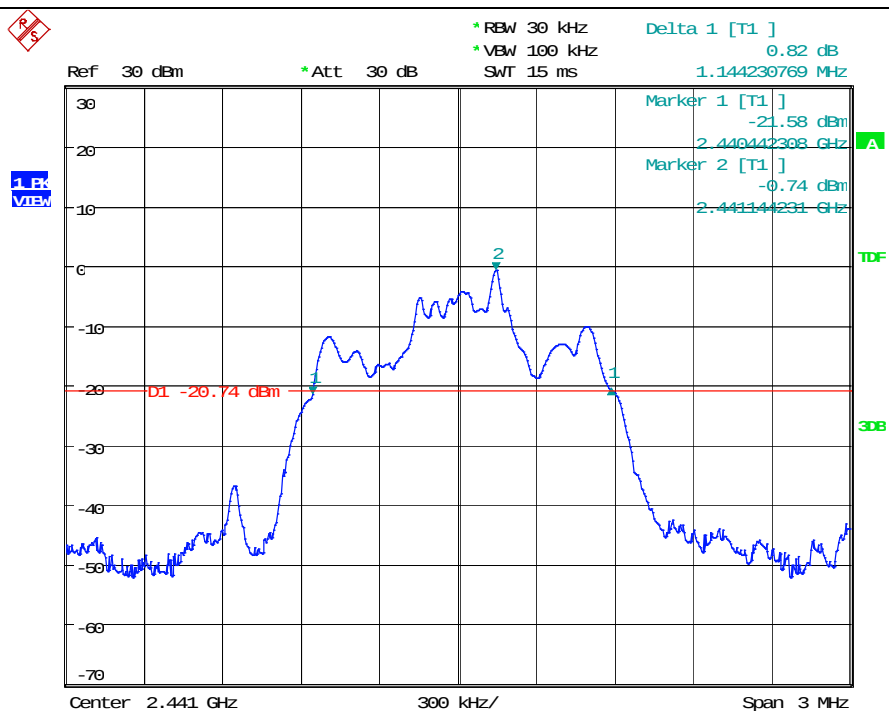
Date: 8.SEP.2020 11:16:21

DH5_Ant1_2480



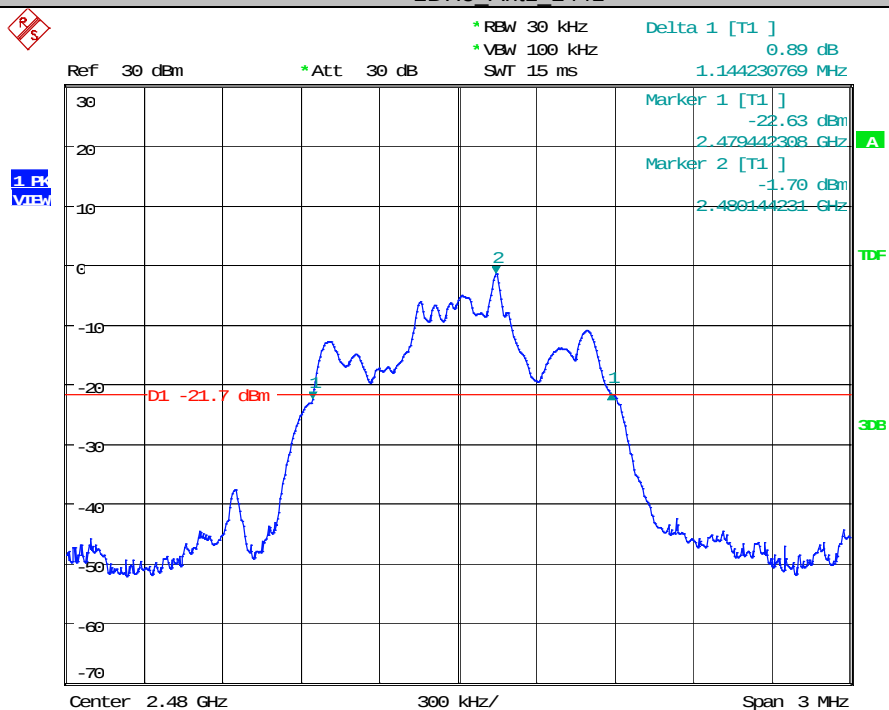
Date: 8.SEP.2020 10:33:39

2DH5_Ant1_2402



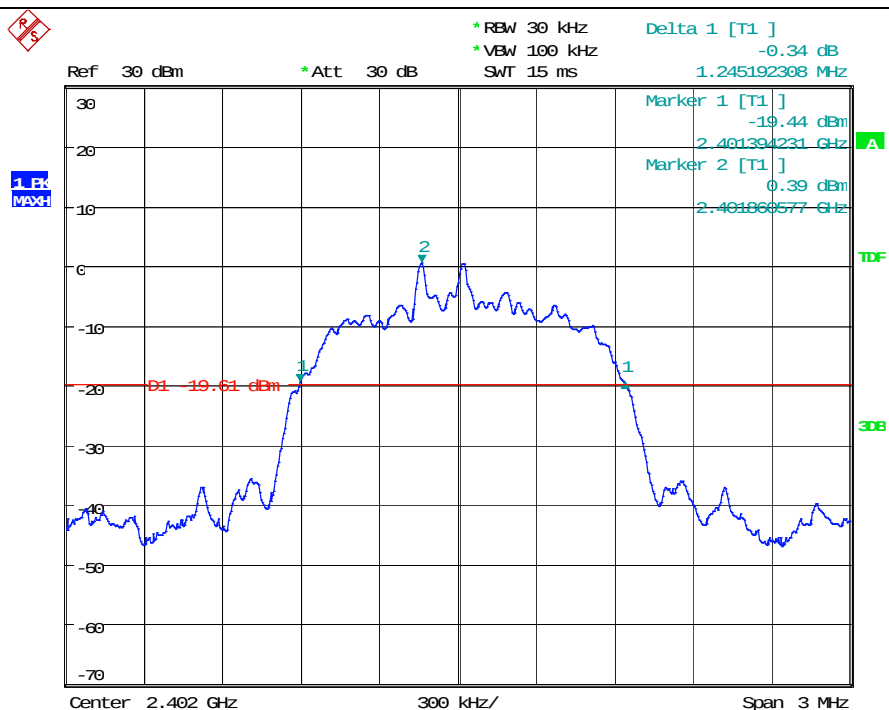
Date: 8.SEP.2020 11:23:27

2DH5_Ant1_2441



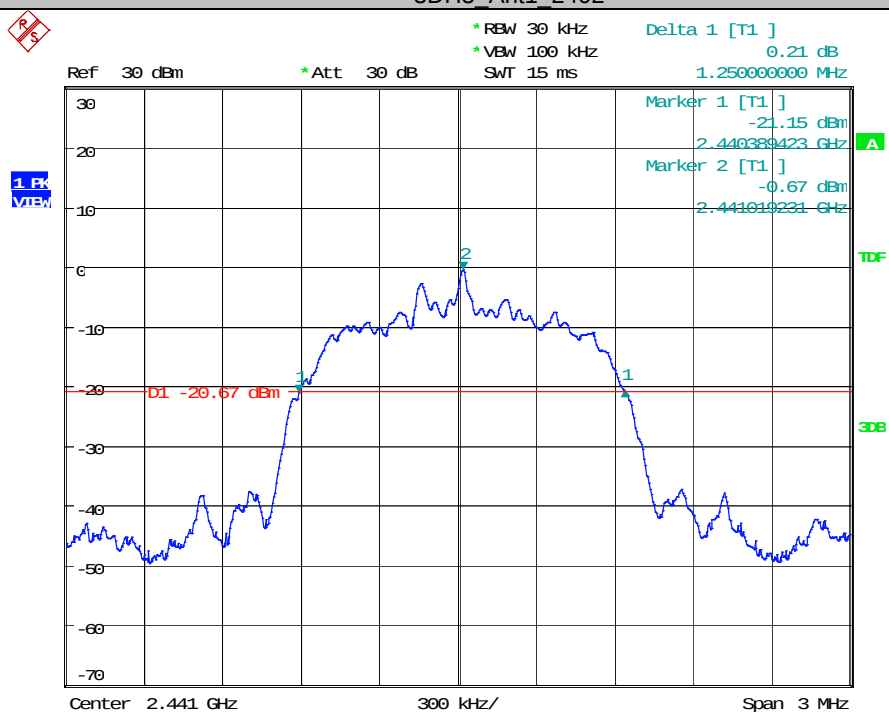
Date: 8.SEP.2020 11:21:31

2DH5_Ant1_2480



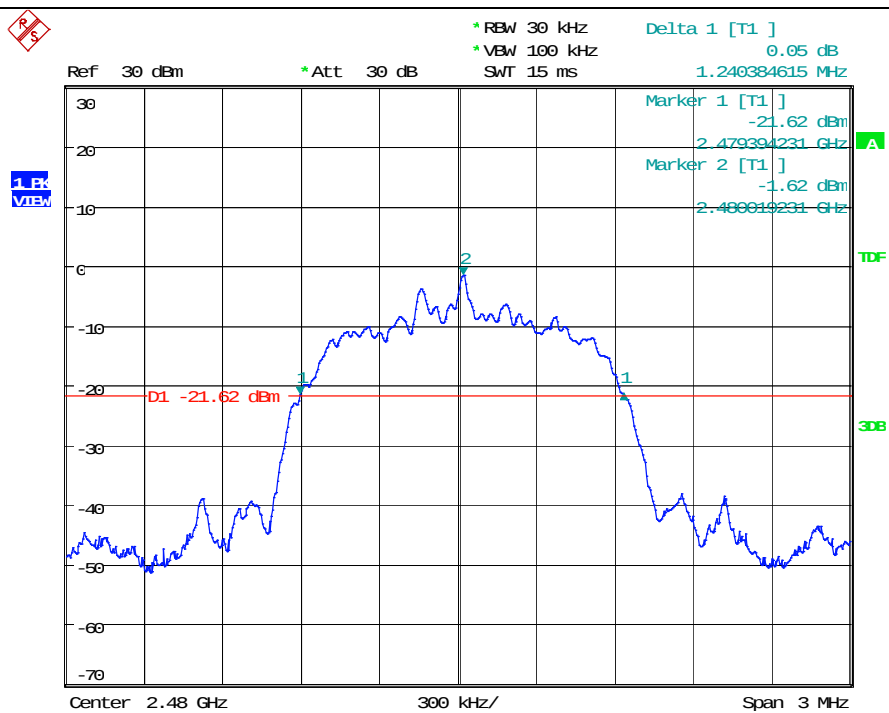
Date: 8.SEP.2020 10:50:39

3DH5_Ant1_2402



Date: 8.SEP.2020 10:58:21

3DH5_Ant1_2441



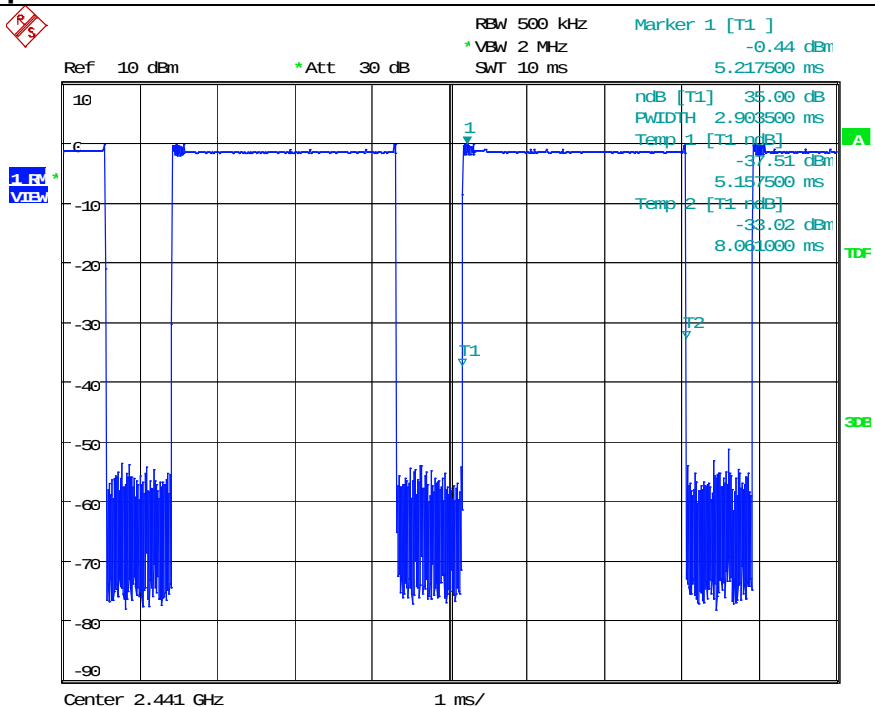
Date: 8.SEP.2020 11:01:36

3DH5_Ant1_2480

A.2 Dwell Time

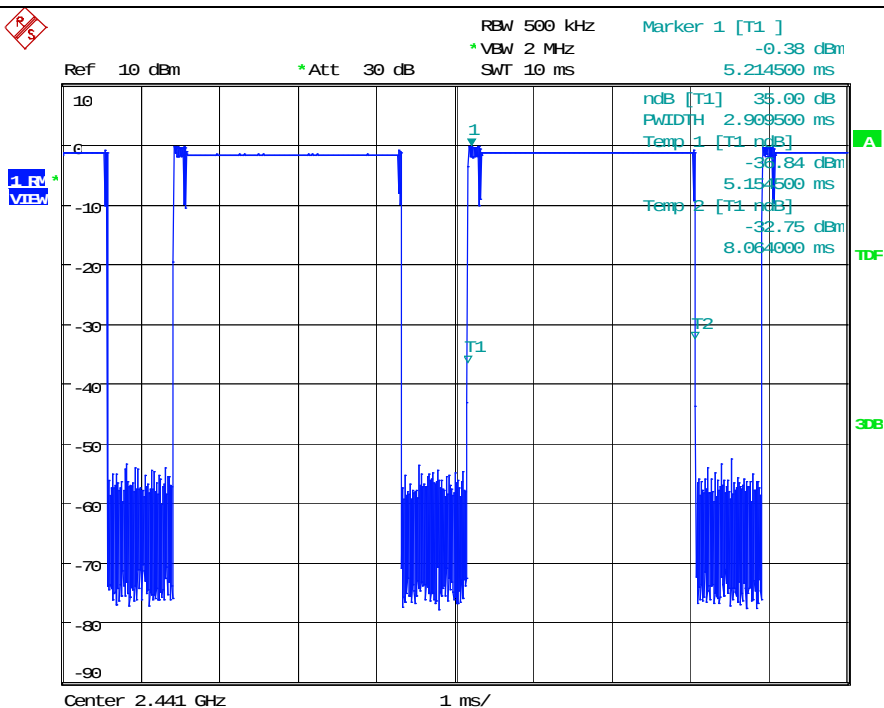
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.904	106.7	0.310	<=0.4	PASS
2DH5	Ant1	Hop	2.910	106.7	0.309	<=0.4	PASS
3DH5	Ant1	Hop	2.913	106.7	0.311	<=0.4	PASS

Test Graph



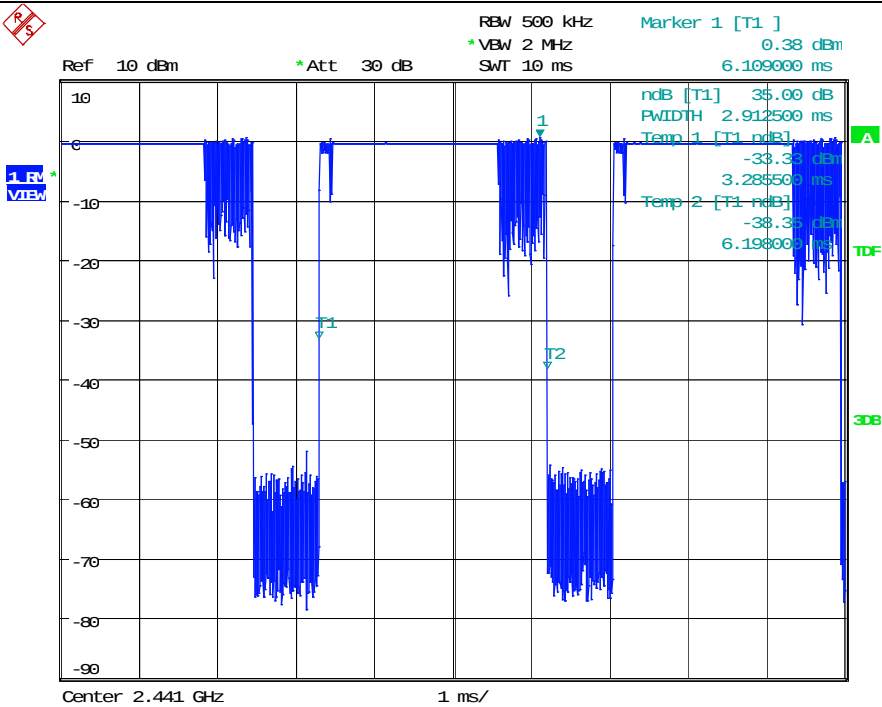
Date: 8.SEP.2020 14:20:39

DH5 Ant1 Hop



Date: 8.SEP.2020 14:22:00

2DH5 Ant1 Hop



Date: 8.SEP.2020 14:24:15

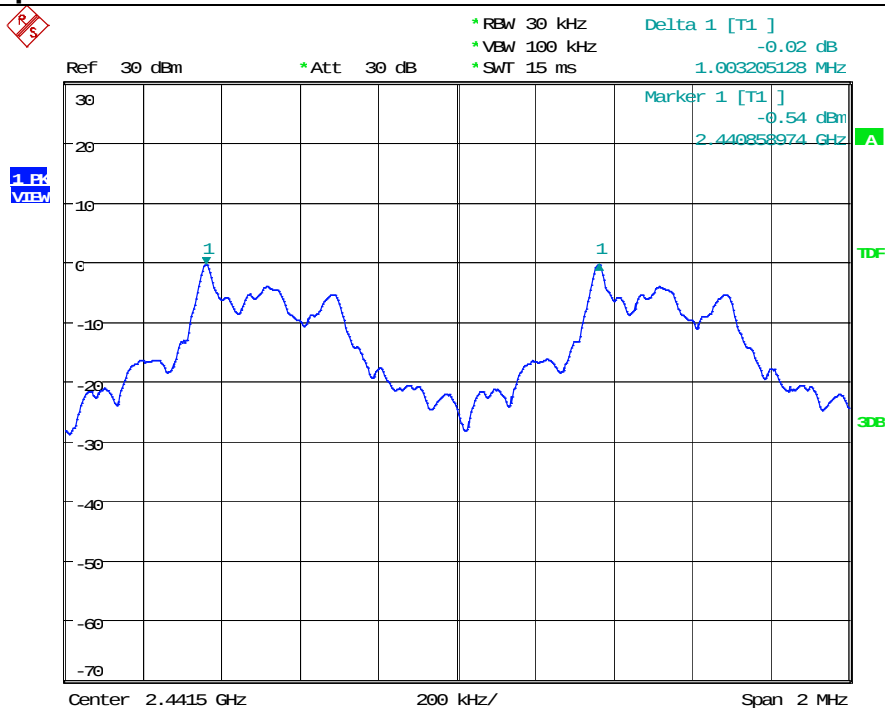
3DH5_Ant1_Hop

A.3 Carrier Frequency Separation

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.003	2/3 *20dB BW	PASS
2DH5	Ant1	Hop	1.003	2/3 *20dB BW	PASS
3DH5	Ant1	Hop	1.003	2/3 *20dB BW	PASS

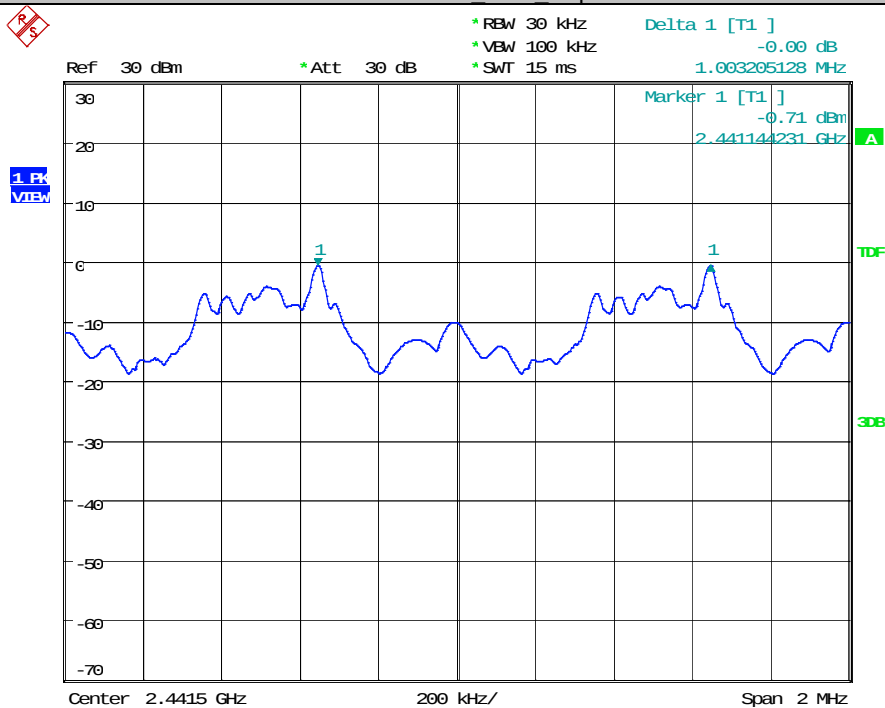
Note: 20db bandwidth refer to section A.1

Test Graph



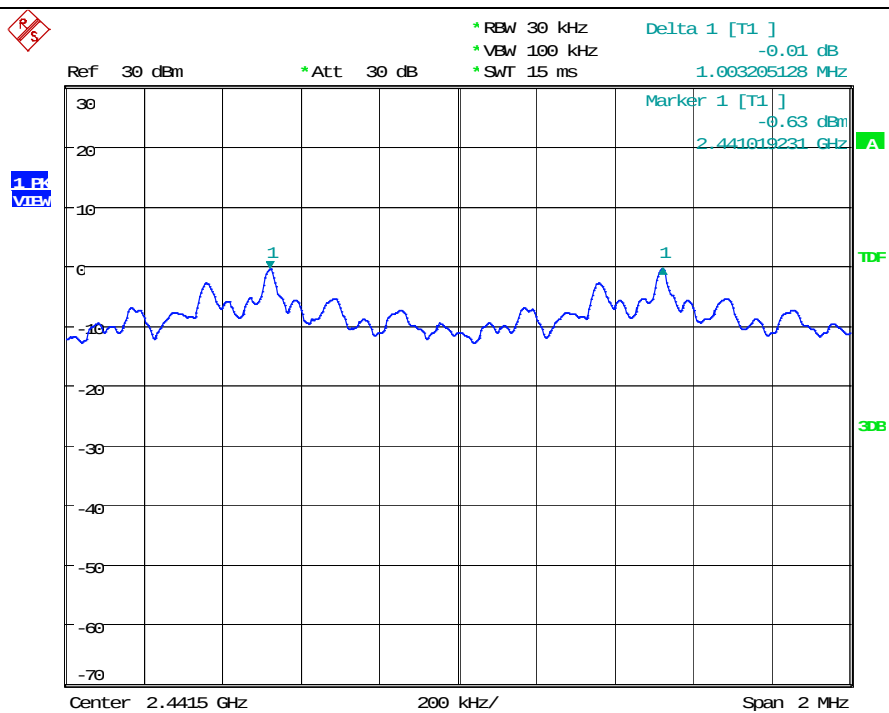
Date: 8.SEP.2020 14:16:28

DH5 Ant1 Hop



Date: 8.SEP.2020 11:53:31

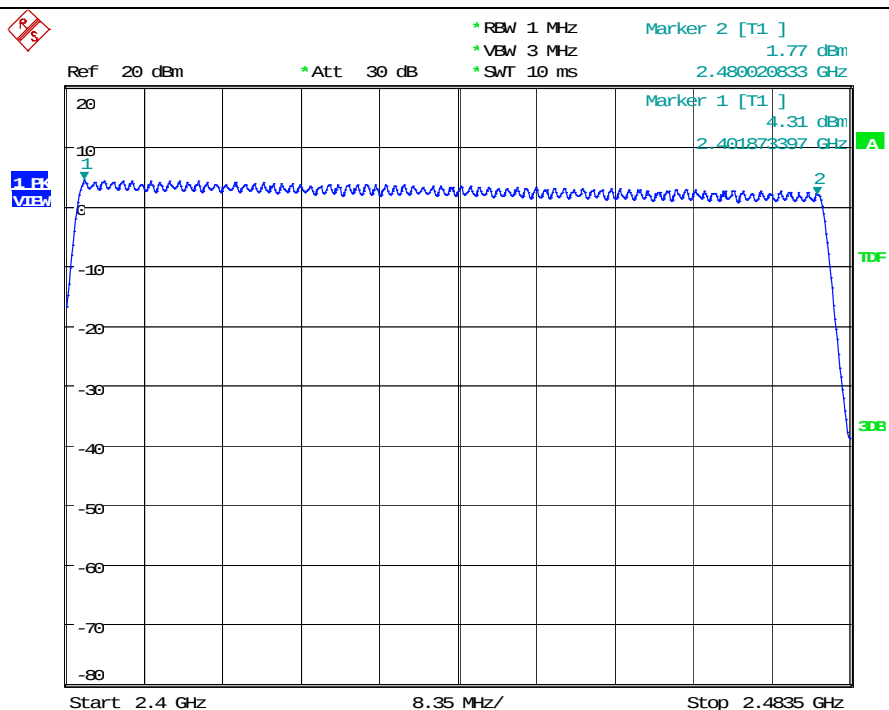
2DH5 Ant1 Hop



Date: 8.SEP.2020 14:11:42

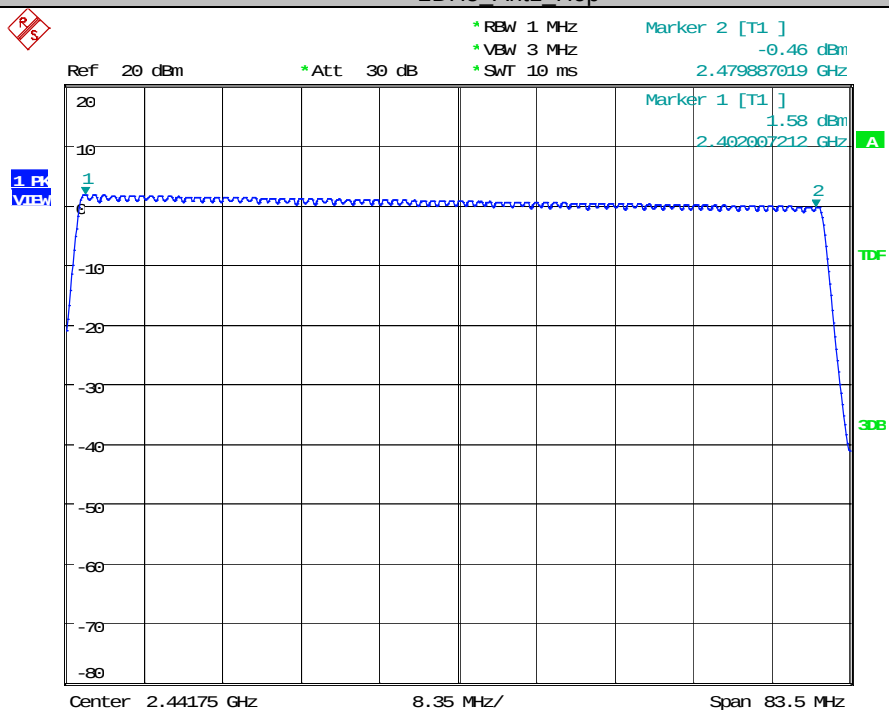
3DH5_Ant1_Hop

TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	>=15	PASS
2DH5	Ant1	Hop	79	>=15	PASS
3DH5	Ant1	Hop	79	>=15	PASS



Date: 8.SEP.2020 10:11:11

2DH5_Ant1_Hop



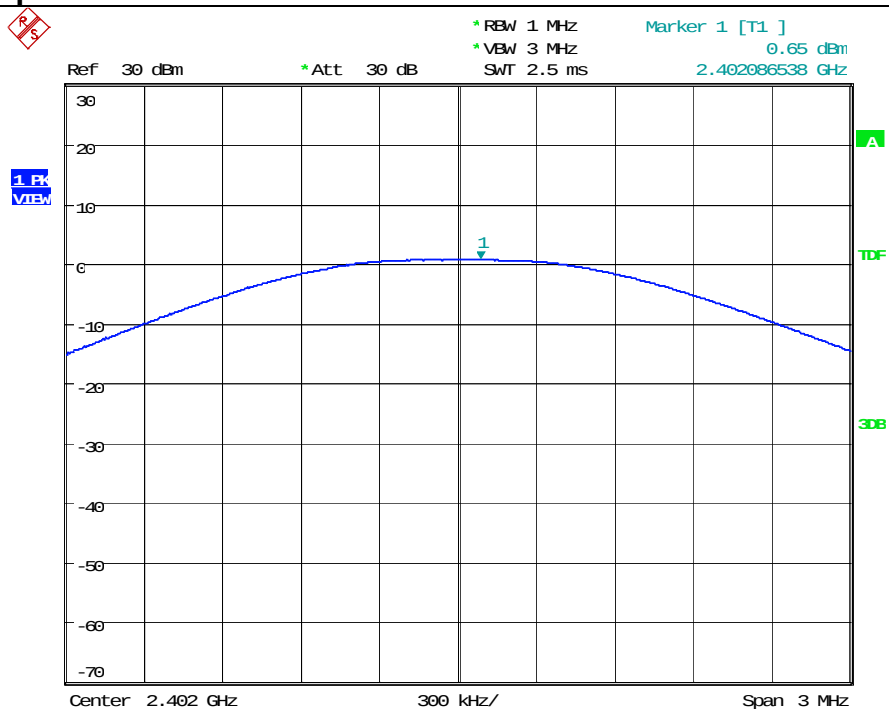
Date: 8.SEP.2020 10:12:43

3DH5_Ant1_Hop

A.5 Conducted Peak Output Power

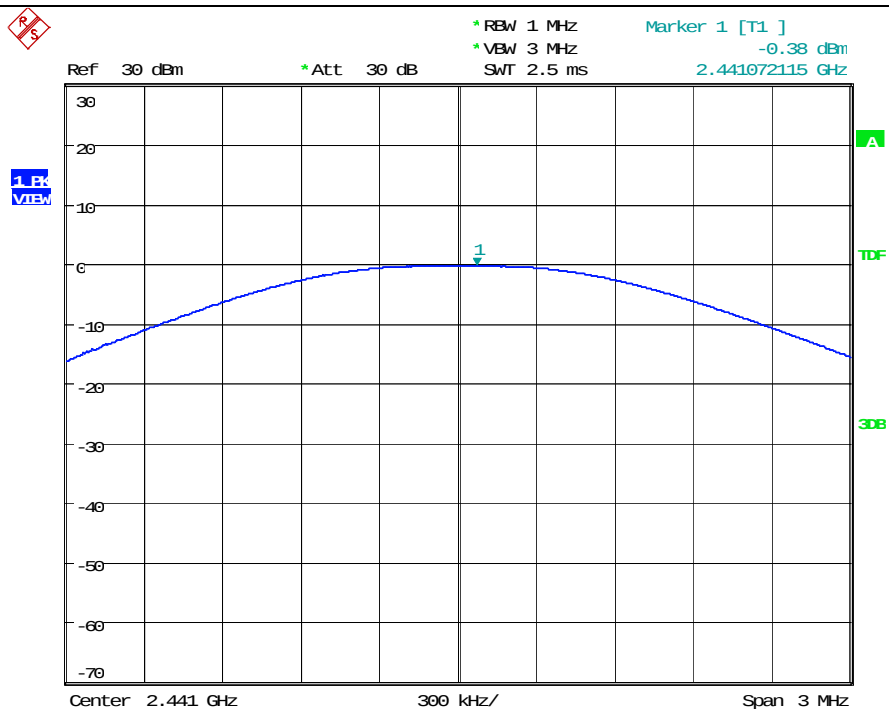
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	0.65	<=20.97	PASS
		2441	-0.38	<=20.97	PASS
		2480	-0.39	<=20.97	PASS
2DH5	Ant1	2402	0.39	<=20.97	PASS
		2441	-0.70	<=20.97	PASS
		2480	0.28	<=20.97	PASS
3DH5	Ant1	2402	1.16	<=20.97	PASS
		2441	1.08	<=20.97	PASS
		2480	1.02	<=20.97	PASS

Test Graph



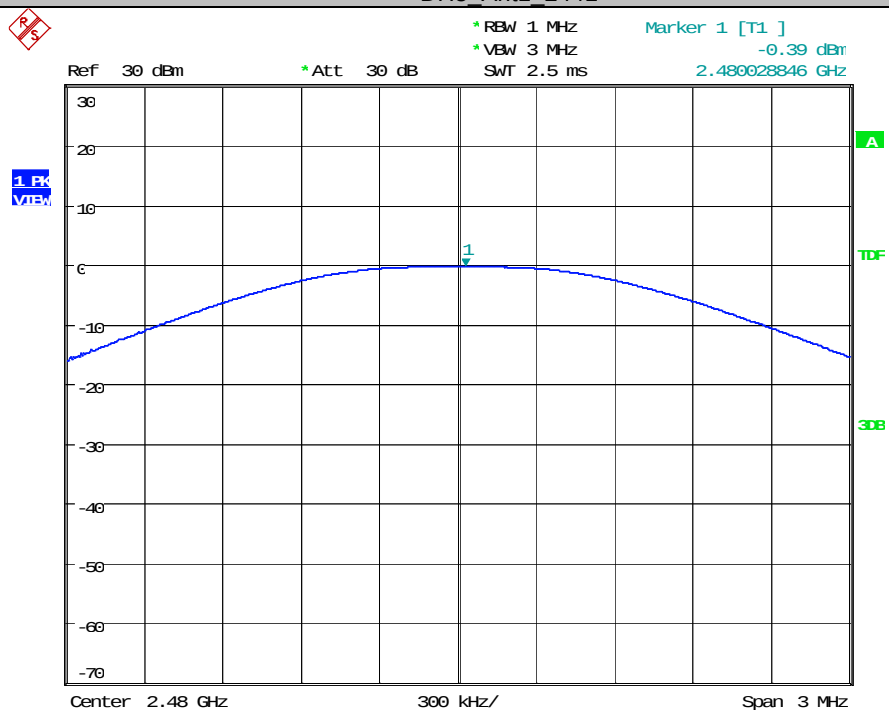
Date: 8.SEP.2020 10:01:18

DH5_Ant1_2402



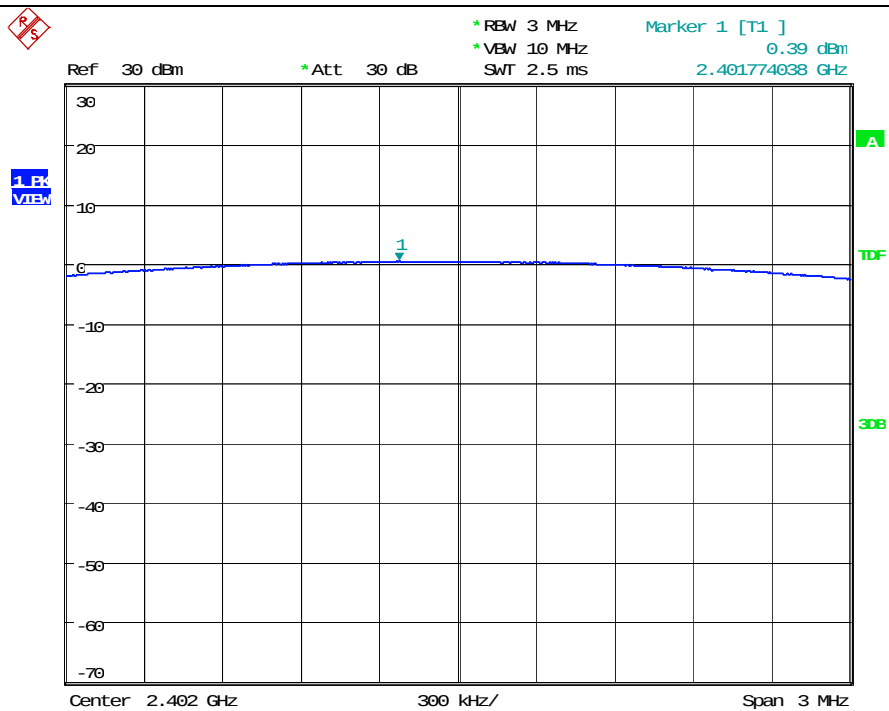
Date: 8.SEP.2020 10:02:21

DH5_Ant1_2441



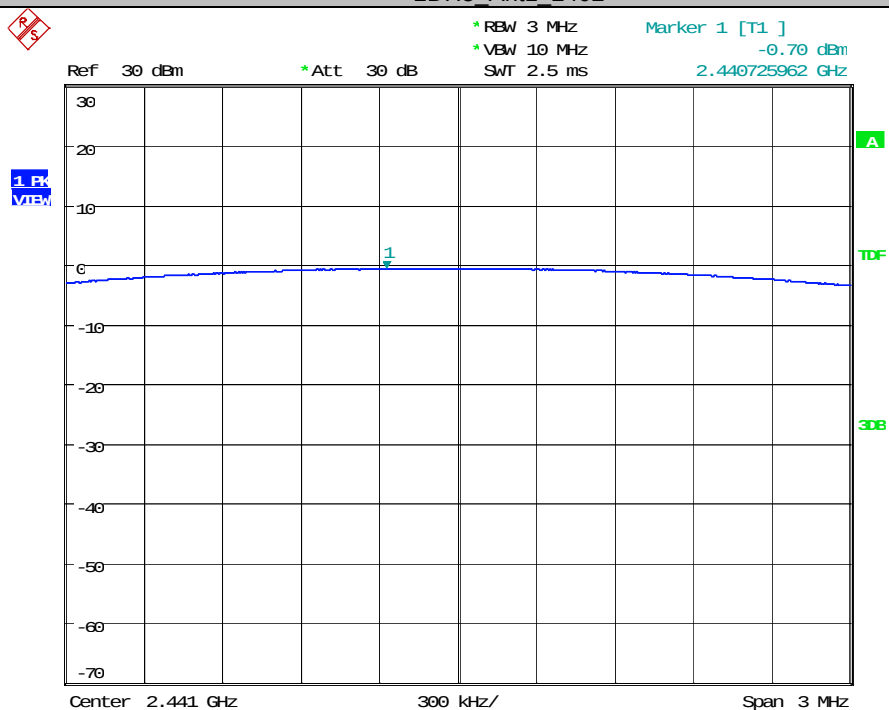
Date: 8.SEP.2020 10:03:08

DH5_Ant1_2480



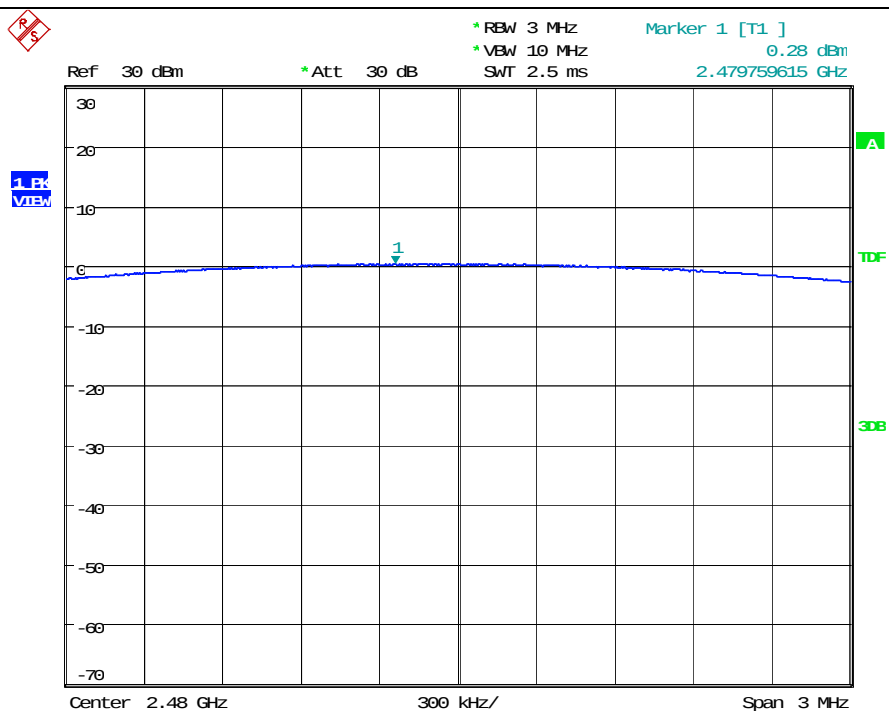
Date: 8.SEP.2020 09:52:44

2DH5_Ant1_2402



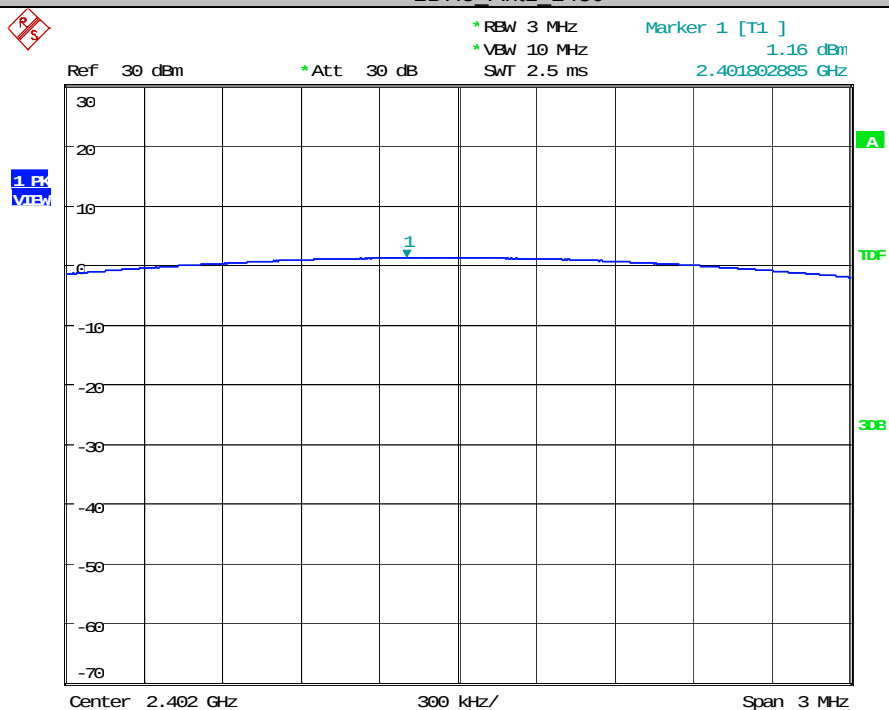
Date: 8.SEP.2020 09:53:39

2DH5_Ant1_2441



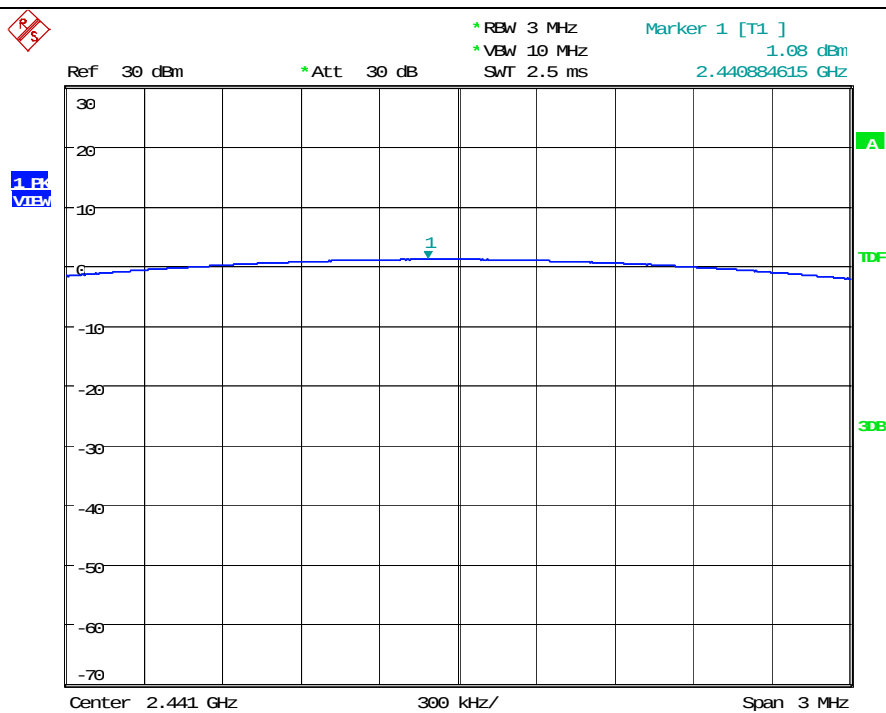
Date: 8.SEP.2020 09:54:15

2DH5_Ant1_2480



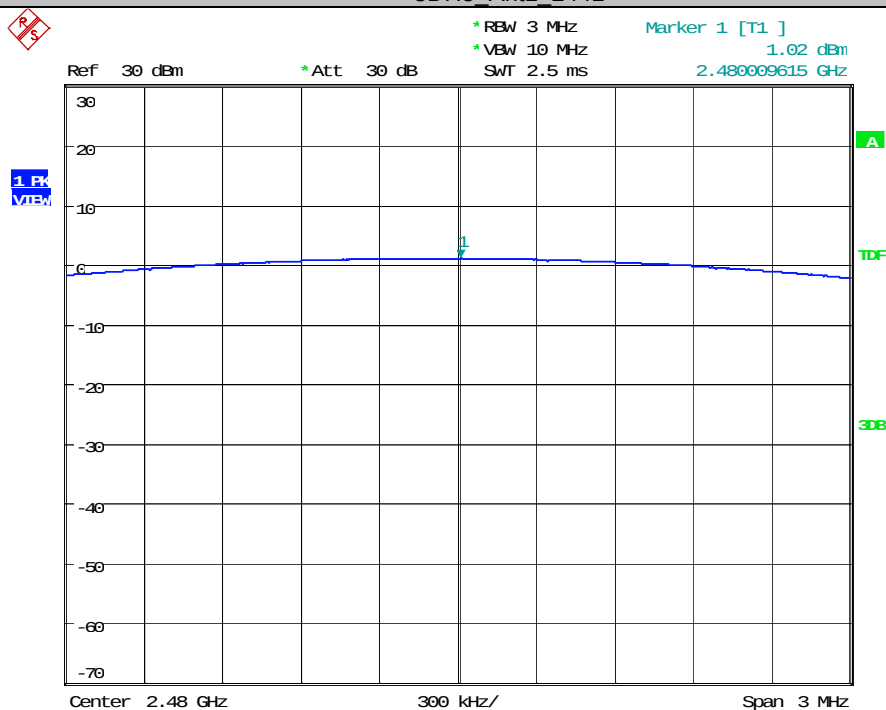
Date: 8.SEP.2020 10:00:23

3DH5_Ant1_2402



Date: 8.SEP.2020 09:58:48

3DH5_Ant1_2441



Date: 8.SEP.2020 09:55:21

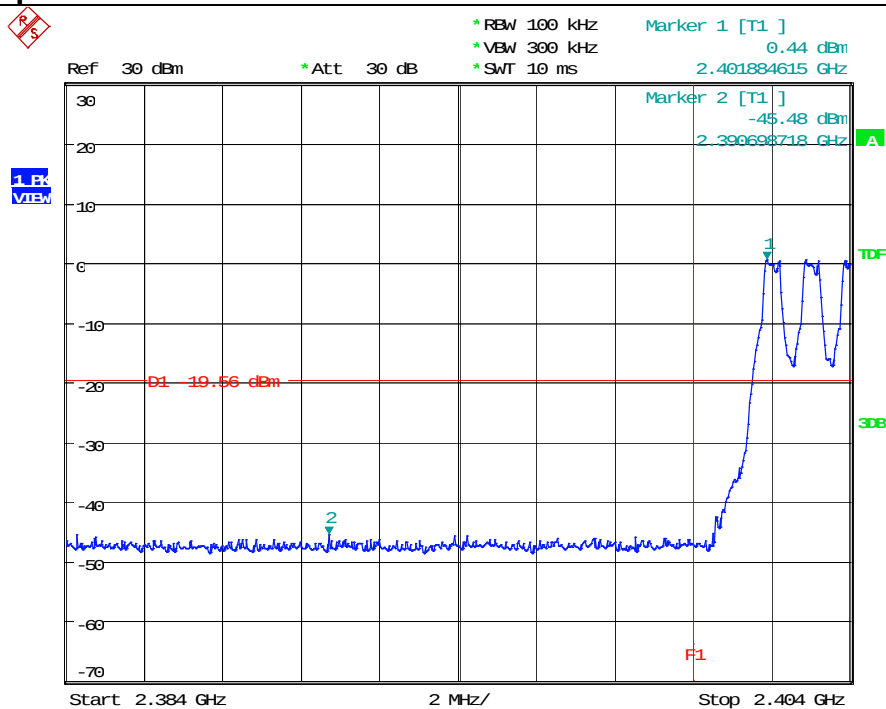
3DH5_Ant1_2480

A.6 Band-edge for RF Conducted Emissions

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
3DH5- Hopping	Ant1	Low	2402	0.44	-45.48	<=-19.56	PASS
		High	2480	-1.48	-45.48	<=-21.48	PASS

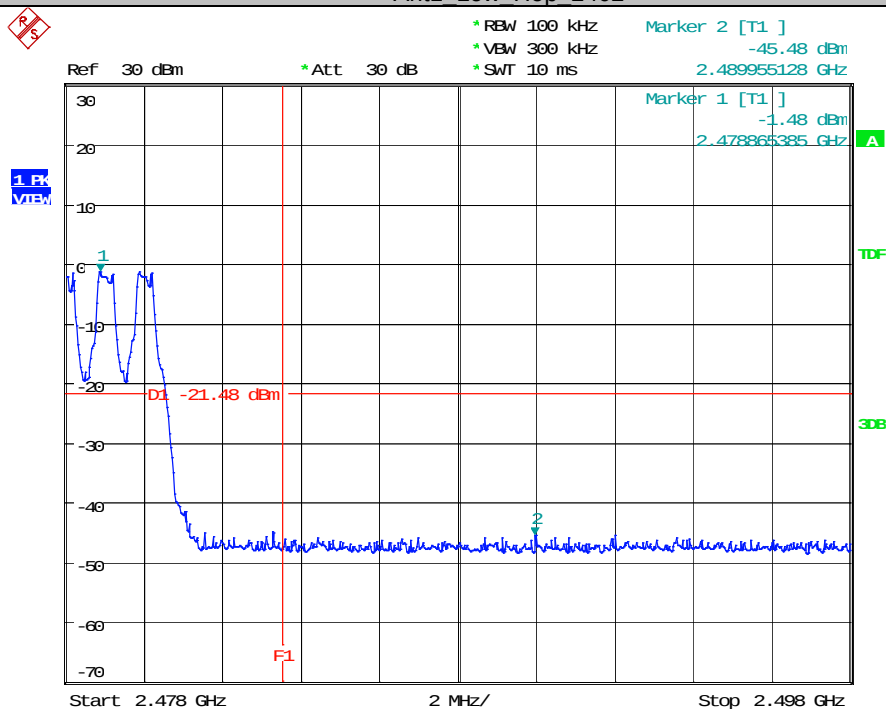
Note: list the worst case result in this item.

Test Graph



Date: 8.SEP.2020 15:13:11

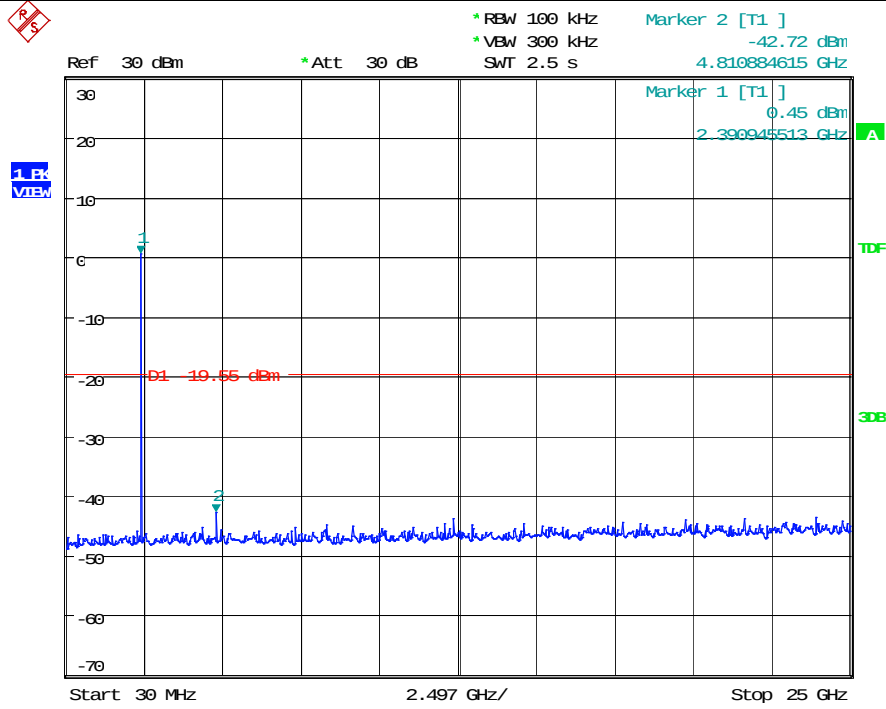
Ant1 Low Hop 2402



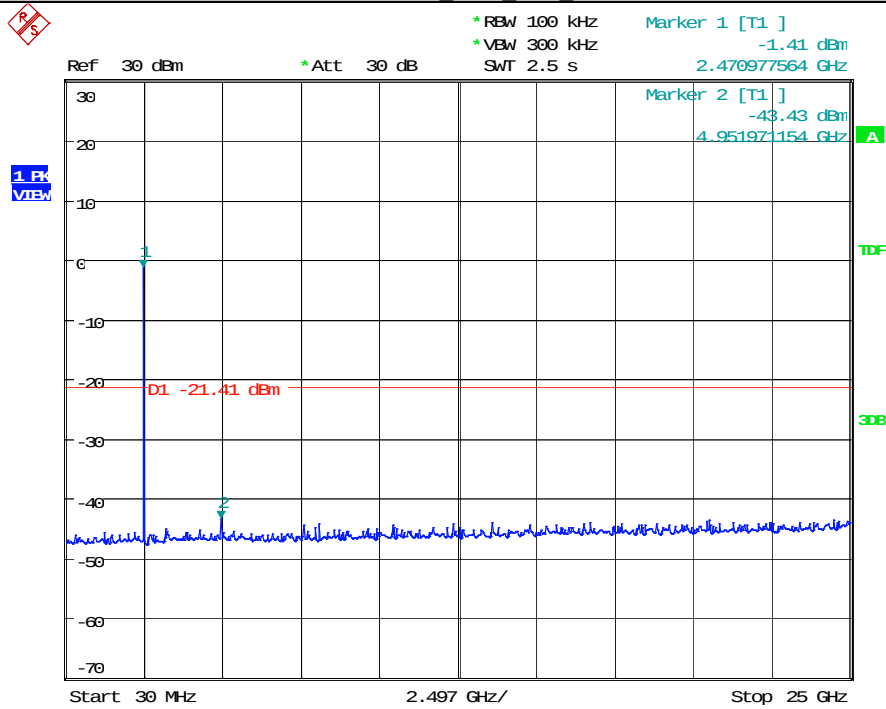
Date: 8.SEP.2020 15:17:26

Ant1_High_Hop_2480

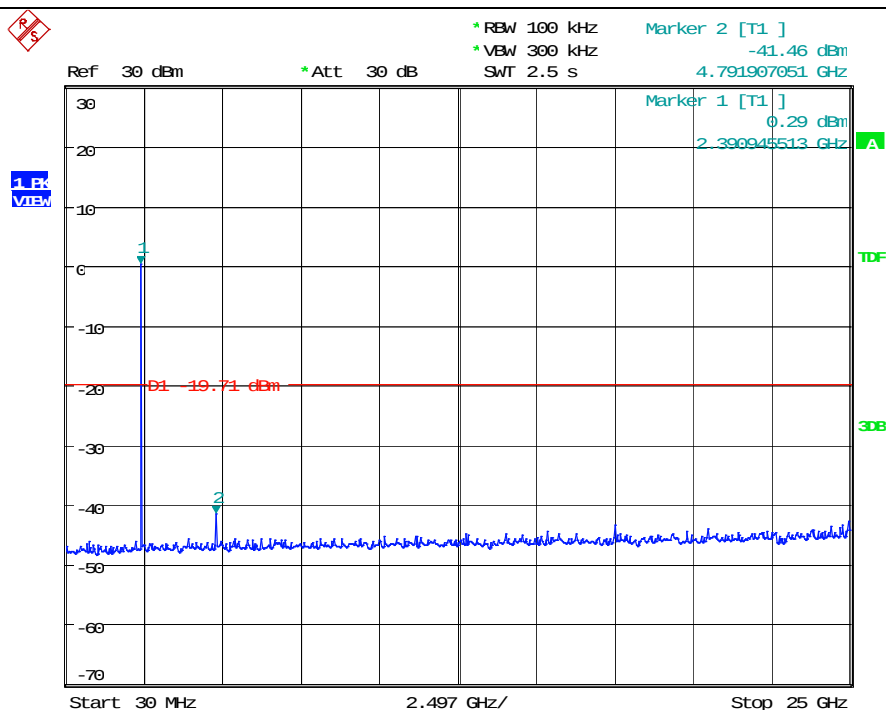
A.7 RF Conducted Spurious Emissions Test Graph



DH5 Ant1 Low 2402

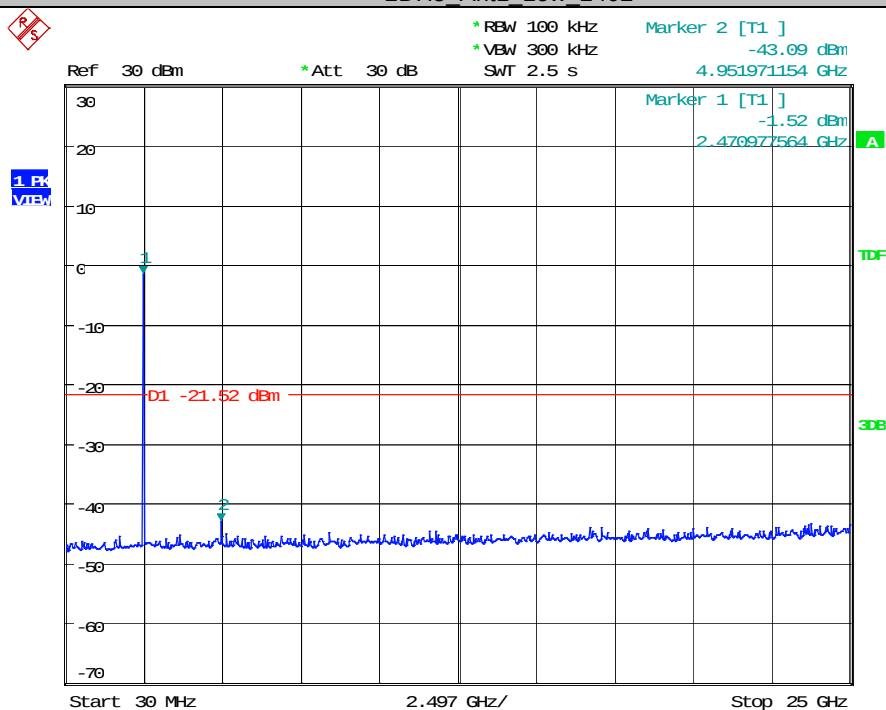


DH5 Ant1 High 2480



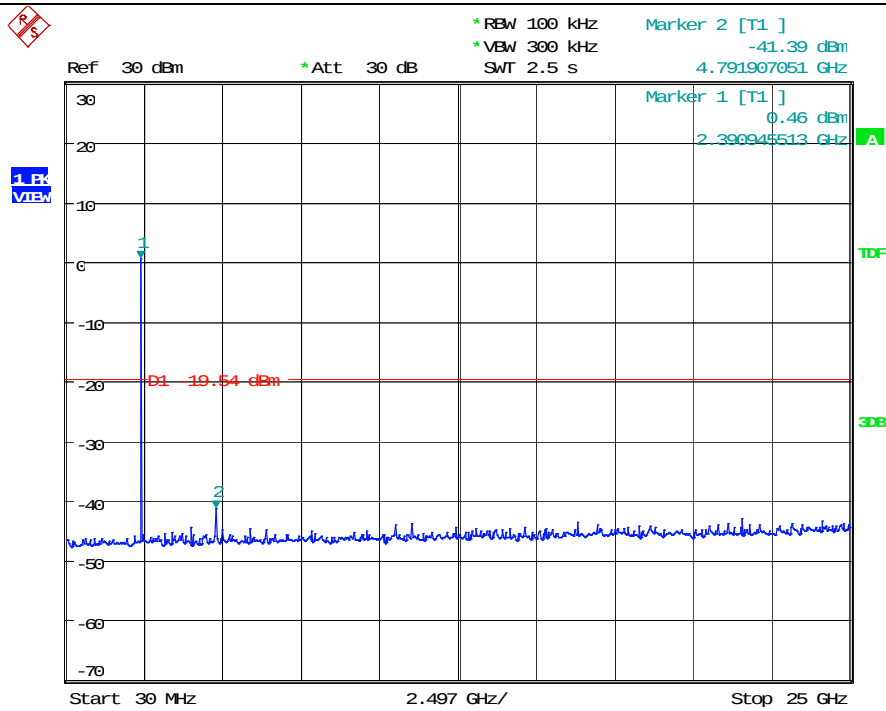
Date: 8.SEP.2020 15:31:30

2DH5_Ant1_Low_2402



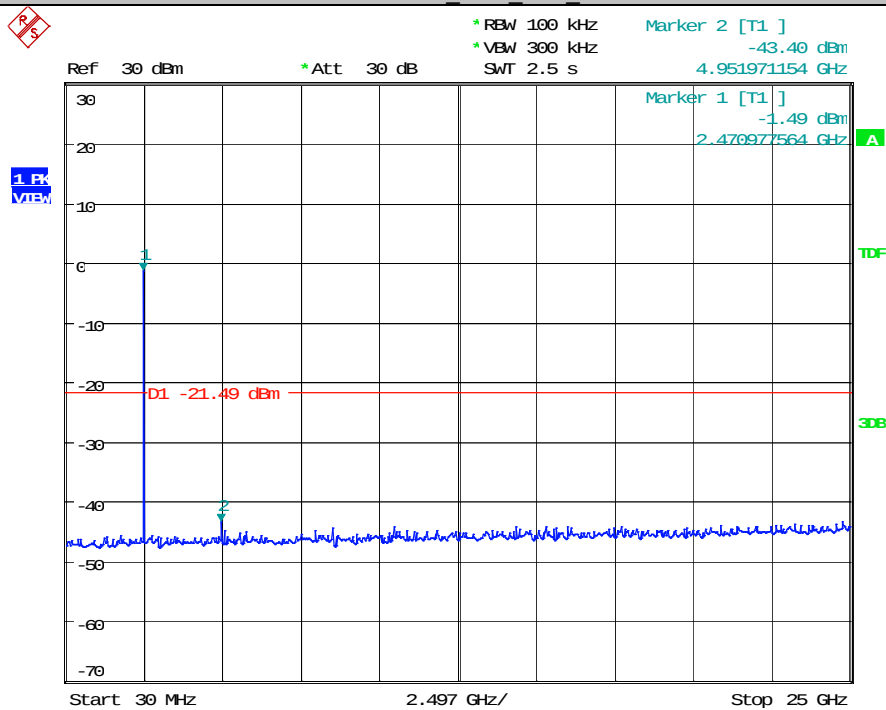
Date: 8.SEP.2020 15:37:34

2DH5_Ant1_High_2480



Date: 8.SEP.2020 15:40:16

3DH5_Ant1_Low_2402



Date: 8.SEP.2020 15:50:21

3DH5_Ant1_High_2480